

**DEPARTMENT OF THE AIR FORCE
Headquarters US Air Force
Washington, DC 20330-5000**

**CFETP 3E7X1
Parts I and II
22 March 2002**

AFSC 3E7X1

FIRE PROTECTION



CAREER FIELD EDUCATION AND TRAINING PLAN

**CAREER FIELD EDUCATION AND TRAINING PLAN
FIRE PROTECTION SPECIALTY
AFSC 3E7X1**

Table of Contents

PART I

Preface	4
Abbreviations/Terms Explained	6
Section A - General Information	10
Purpose	
Uses	
Coordination and Approval	
Section B - Career Field Progression and Information	12
Specialty Descriptions	
Skill/Career Progression	
Fire Protection Apprentice (3-Level)	
Fire Protection Journeyman (5-Level)	
Fire Protection Craftsman (7-Level)	
Fire Protection Superintendent (9-Level)	
Fire Protection Manager	
Skill Level and Duty Position Certification Requirements	
Training Decisions	
Community College of the Air Force	
Firefighter Career Path	
Section C - Skill Level Training Requirements	28
Purpose	
Specialty Qualification Requirements	
Apprentice (3-Level)	
Journeyman (5-Level)	
Craftsman (7-Level)	
Superintendent (9-Level)	
Fire Protection Manager (3E700)	
Section D - Resource Constraints	38
Purpose	
Training Constraints	
Section E - Transitional Training Guide	39

PART II

Section A - Specialty Training Standard	40
Implementation	
Purpose	
Recommendations	
Qualitative Requirements	
Section B - Course Objective List	66
Section C - Support Materials	67
Section D - Education and Training Course Index	70
Purpose	
In-residence	
ECI courses	
Exportable courses	
Courses Under Development	
Section E - Major Command (MAJCOM) Unique Requirements	75
Section F - Home Station Training	76

Supersedes CFETP 3E7X1, 1 April 1997
OPR: HQ AFCESA/CEXF

Certified by: HQ AFCESA/CEO
Pages: 80/Distribution: F

PREFACE

1. This Career Field Education and Training Plan (CFETP) is a comprehensive education and training document that identifies life-cycle education/training requirements and training support resources for the fire protection specialty. The CFETP will provide our people with a clear career path to success and instill rigor in all aspects of our career field training.

2. The CFETP consists of two parts used by the supervisor to plan, manage, and control training within the career field.

2.1 **Part I** provides information necessary for overall management of the specialty.

- **Section A** provides general information about how the CFETP will be used.
- **Section B** identifies career field progression information, duties and responsibilities, training strategies, and the career field path.
- **Section C** associates each skill-level with specialty qualifications (knowledge, education, and training).
- **Section D** indicates resource constraints.
- **Section E** identifies transition training guide requirements for SSgt through MSgt.

2.2 **Part II** includes the following:

- **Section A** identifies the Specialty Training Standard (STS) to include duties, tasks, and technical references to support Air Education and Training Command (AETC) conducted training, wartime course, and correspondence course requirements.
- **Section B** contains the course objective list and training standards supervisors will use to determine if an airman has satisfied training requirements.
- **Section C** identifies available support materials. Air Force Qualification Training Packages (AFQTPs) and CerTests support both upgrade training (UGT) and qualification training. AFQTPs are indexed in AF Index 8 (AFIND 8), *Numerical Index of Specialized Educational Training Publications*.

- **Section D** identifies a training course index supervisors can use to determine resources available to support training. Included here are both mandatory and optional courses, and exportable courseware.
- **Section E** identifies MAJCOM-unique training requirements supervisors can use to determine additional training required for the associated qualification needs.
- **Section F** identifies home station training references and courses material required for this specialty in support of contingency/wartime training.

3. Using guidance provided in the CFETP will ensure individuals in this specialty receive effective and efficient training at the appropriate point in their careers. This plan will enable us to train today's work force for tomorrow's jobs. At the unit level, supervisors and trainers will use Part II to identify, plan, and conduct training commensurate with the overall goals of this guide.

ABBREVIATIONS/TERMS EXPLAINED

Advanced Training (AT). A formal course training toward a technical or supervisor level Air Force Specialty (AFS). Training is for selected career airmen in the advanced technology level of the AFS. Training is normally restricted to senior NCOs. Graduates are not awarded a new AFSC.

Air Force Career Field Manager (AFCFM). An individual on the Air Staff charged with the responsibility for overseeing all training and career field management aspects of an Air Force Specialty or group of specialties.

Air Force Job Qualification Standard/Command Job Qualification Standard (AFJQS/CJQS). A comprehensive task list that describes a particular job type or duty position. Supervisors use them to document task qualifications. The tasks on AFJQS/CJQS are common to all persons serving in the described duty position.

Air Force Qualification Training Package (AFQTP). A task knowledge package designed to aid qualification in a duty position or program, or on a piece of equipment. AFQTPs identify the Air Force's standardized method for performing the task. The AFQTP may be paper, computer-disc, or in other audiovisual media. Completion of all CE AFQTPs are mandatory for upgrade to the 5 and 7 skill levels.

Career Field Education and Training Plan (CFETP). A CFETP is a comprehensive, multipurpose document encapsulating the entire spectrum of education and training for a career field. It outlines a logical growth plan that includes training resources and is designed to make career field training identifiable, to eliminate duplication, and to ensure this training is budget defensible.

Certification and Testing (CerTest). CerTest is an interactive computer-based program designed to test, evaluate, and certify a student's knowledge of principles and procedures on various job related subjects. CerTest uses a variety of training materials and a computer program that randomly selects test questions based on the instruction. CerTest does not replace hands-on training. It is designed to augment and enrich a variety of training requirements to ensure that our people are trained and qualified to accomplish their duties.

Commercial Off the Shelf (COTS). Commercially procured training products.

Computer Based Training (CBT). A self-paced stand-alone computer product used to deliver interactive subject and task knowledge.

Continuation Training. Additional training exceeding requirements with emphasis on present and future duty assignments.

Core Task. A task Air Force Career Field Managers (AFCFMs) identified as a minimum qualification requirement within an Air Force specialty or duty position. These tasks exemplify the essence of the career field.

Course Objective List (COL). A publication derived from our initial/advanced skills course training standard, identifying the tasks and knowledge requirements, and respective standards provided to achieve a 3-, 5-, and 7-skill level in this career field. Supervisors use the COL to assist in conducting graduate evaluations in accordance with AFI 36-2202, *Developing, Managing and Conducting Military Training*.

Critical Task. Tasks that have been identified by the workcenter supervisor as having a detrimental effect on mission accomplishment if not performed correctly. Critical tasks may or may not be the same as core tasks but are mandatory if identified as ‘critical’ to the individual’s position by the supervisor or workcenter.

Diamond Tasks. Considered contingency/war tasks for both the 5- and 7-skill level and are extremely important to the career field. Equipment shortfalls at most locations however, have created problems with the actual hands-on certification of these tasks. In instances where required equipment is not available for instruction, completion of the task’s AFQTP and passing the corresponding CerTest is all that is required for upgrade and qualification training.

Distance Learning (DL). Includes video teleseminar (VTS), video teletraining (VTT), and computer based training (CBT). Formal courses that a training wing or a contractor develops for export to a field location (in place of resident training) for trainees to complete without the on-site support of the formal school instructor. For instance, courses are offered by Air Force Institute of Technology, Air University, and Training Detachment.

Duty Position Task. The tasks assigned to an individual for the position currently held. These include as a minimum all core tasks, critical tasks, and any other tasks assigned by the supervisor.

Enlisted Specialty Training (EST). A mix of formal training (technical school) and informal training (on-the-job) to qualify and upgrade airmen in each skill-level of a specialty.

Exportable Training. Additional training via computer-assisted, paper text, video, or other necessary means to supplement training.

Field Technical Training (Type 4). Special or regular on-site training conducted by a field training detachment (FTD) or by a mobile training team (MTT).

Initial Skills Training. AFS-specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. This training is conducted by the Louis F. Garland Fire Academy.

Instructional System Development (ISD). A deliberate and orderly, but flexible, process for planning, developing, implementing, and managing instructional systems. It ensures personnel are taught the knowledge, skills, and attitudes essential for successful job performance.

Mission Ready Airmen (MRA) Training. Initial skills training allowing airmen to perform select tasks unsupervised equal to 3-levels with one year of experience.

Occupational Survey Report (OSR). A detailed report showing the results of an occupational survey of tasks performed within a particular AFS.

On-the-Job Training (OJT). Dual track system of providing subject/task knowledge and hands-on, over-the-shoulder training. OJT is conducted to certify personnel in both upgrade (skill level award) and job qualification (duty position certification) training.

Optimal Training. The ideal combination of training settings resulting in the highest levels of proficiency on specified performance requirements within the minimum time possible.

Proficiency Training. Additional training, either in-residence, exportable advanced training courses, or on-the-job training, provided to personnel to increase their skills and knowledge beyond the minimum required for upgrade.

Qualification Training (QT). Actual hands-on task performance training designed to qualify an airman in a specific duty position. This portion of the dual channel on-the-job training program occurs both during and after the upgrade training process. It is designed to provide the performance skills required to do the job.

Readiness Training Package (RTP). Establishes standard levels of knowledge and proficiency for common Disaster Preparedness and readiness subject areas by providing instructors with training references, materials, and lesson objectives used in teaching and evaluating the course subject matter.

Representative Sites. Typical organizational units having similar missions, weapon systems or equipment, or a set of jobs, used as a basis for estimating average training capacities and costs within the Training Impact Decision System (TIDES).

Resource Constraints. Resource deficiencies, such as money, facilities, time, manpower, and equipment that precludes desired training from being delivered.

Skills Training. A formal course resulting in the award of a skill level.

Specialty Training. A mix of formal training (technical school) and informal training (on-the-job) to qualify and upgrade airmen in the award of a skill level.

Specialty Training Standard (STS). Describes the skills and knowledge that airmen in the Fire Protection AFS need on the job. It further serves as a contract between the Air Education Training Command (AETC) and the user to show the overall training requirements for the AFS taught in resident and nonresident courses.

Spin-up Training. Training required just prior to a select deployment that delivers training necessary for mission accomplishment. It is typically predicated on hard to attain contingency skills.

Standard. An exact value, a physical entity, or an abstract concept, established and defined by authority, custom, or common consent to serve as a reference model, or rule in measuring quantities or qualities, establishing practices or procedures, or evaluating results; a fixed quantity or quality.

Supplemental Training. Training for a portion of an AFS without a change in AFSC. Formal training on new equipment, methods, and technology that are not suited for on-the-job training.

Total Force. All collective Air Force components (Active, Reserve, Guard, and civilian elements) of the United States Air Force.

Training Capacity. The capability of a training setting to provide training on specified requirements, based on the availability of resources.

Training Impact Decision System (TIDES). A computer-based decision support technology being designed to assist Air Force career field managers (AFCFMs) in making critical judgments relevant to what training should be provided to personnel within career fields, when training should be provided (at what career points), and where training should be conducted (training setting). A TIDES template is used Air Force-wide for standardization and formatting of CFETPs.

Training Planning Team (TPT). Comprised of the same personnel as a U&TW, however TPTs are more intimately involved in training development and the range of issues is greater than is normal in the U&TW forum.

Training Requirements Analysis. A detailed analysis of tasks for a particular AFS to be included in the training decision process.

Upgrade Training (UGT). Identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 5-, 7-, and 9-skill levels.

Utilization and Training Workshop (U&TW). A forum of the AFCFM, MAJCOM Functional managers (MFMs), Subject Matter Experts (SMEs), and AETC training personnel that determine career ladder training requirements.

Part 1

SECTION A - GENERAL INFORMATION

1. Purpose. This CFETP provides information necessary for the Air Force Career Field Managers (AFCFMs), MAJCOM functional managers (MFMs), commanders, education and training managers, supervisors/trainers, and certifiers to plan, develop, manage, and conduct an effective career field training program. This plan outlines the training individuals require to develop and progress throughout their careers. It identifies initial skills, upgrade, qualification, advanced, and proficiency training.

- **Initial Skills Training** is the AFS-specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. For our career field, this training is provided by AETC at the Louis F. Garland Fire Academy located at Goodfellow AFB, TX.
- **Upgrade Training.** Identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 5-, 7-, and 9-skill levels.
- **Qualification Training.** Hands-on task performance training designed to qualify an airman in a specific duty position. This training program occurs both during and after the upgrade training process. It is designed to provide the performance skills/knowledge training required to do the job.
- **Advanced Training.** A formal course for training personnel towards a technical or supervisory level in an Air Force Specialty (AFS). Training is for selected career airmen in the advanced technology of the AFS and is normally restricted to Senior NCOs. Graduates are not awarded a new AFSC.
- **Proficiency Training.** Additional training either in-residence, exportable advanced training courses, or on-the-job training, provided to people to increase their skills and knowledge beyond the minimum required for upgrade.

The CFETP has several purposes:

1.1. Serves as a management tool to plan, manage, conduct, and evaluate a career field training program. It is used to help supervisors identify training at the appropriate point in an individual's career.

1.2. Identifies task and knowledge training requirements for each skill level in this specialty and recommends education/training throughout each phase of an individual's career.

1.3. Lists training courses available in this specialty and identifies sources of training and the delivery methods.

1.4. Identifies major resource constraints which impact full implementation of the desired career field training process.

2. Uses. MFMs and supervisors will use the plan at all levels to ensure comprehensive and cohesive training programs are available for each individual in the specialty.

2.1. AETC training personnel will develop/revise formal resident, non-resident, field, and exportable training based on requirements established by the users and documented in Part II of the CFETP. They will also work with the AFCFM and Air Force Civil Engineer Support Agency Training Division (HQ AFCEA/CEOT) to develop acquisition strategies for obtaining resources needed to provide the identified training.

2.2. MFMs will ensure their training programs complement the CFETP mandatory initial, upgrade, and proficiency requirements and identify requirements that can be satisfied by OJT, resident training, contract training, CerTest, or exportable courses. MAJCOM-developed training to support this AFS must be identified for inclusion into the plan.

2.3. Unit Education and Training managers and supervisors must ensure each individual completes the mandatory training requirements (including MAJCOM supplemental requirements) for the upgrade training specified in this plan.

2.4. Each individual will complete mandatory training requirements specified in this plan. The list of courses in Part II of this CFETP will be used as a reference to support training.

3. Coordination and Approval. The AFCFM is the approval authority for the CFETP. MAJCOM representatives and AETC personnel will identify and coordinate on the career field training requirements. The AETC training manager for this specialty will initiate an annual review of this document by AETC and MFMs to ensure currency and accuracy. Using the list of courses in Part II, they will eliminate duplicate training.

SECTION B - CAREER FIELD PROGRESSION AND INFORMATION

4. Specialty Descriptions. Fire Protection Apprentice, Journeyman, Craftsman, and Superintendent.

4.1. Specialty Summary. Protects people, property, and the environment from fire and disasters. Provides fire prevention, fire fighting, rescue, hazardous materials and Weapons of Mass Destruction responses. Related DoD Occupational Subgroup: 495.

4.2. Duties and Responsibilities for Apprentice, Journeyman, Craftsman, and Superintendent.

4.2.1. Apprentice Firefighter.

- Fights aerospace vehicle fires. Operates tools and equipment, controls and extinguishes aerospace vehicle fires, and performs ventilation, salvage, and overhaul operations. Performs hazardous operation standbys and airfield surveillance operations.
- Fights structural fires. Performs hose evolutions, shuts off building utilities, evacuates people from buildings, removes injured personnel from the immediate hazard area, protects exposures, positions and operates tools and equipment. Controls and extinguishes structural fires; performs ventilation, salvage and overhaul operations; loads hose; and makes hose load finishes.
- Supports the electrical power production function with resetting aircraft arresting systems when not in conflict with fire fighting operations.
- Fights, controls, and extinguishes fires in wildland and miscellaneous areas.
- Performs rescue operations. Operates rescue tools and equipment. Effects entry by normal and emergency means. Shuts down aircraft engines/systems, and safes egress systems. Performs confined space rescue, emergency medical care, and cardiopulmonary resuscitation (CPR).
- Performs inspections and preventative maintenance on structural, aircraft rescue fire fighting (ARFF), and support vehicles, tools, equipment, and protective clothing.
- Performs crew duties on a Hazardous Materials Response Team.

4.2.2. Journeyman Firefighter

- Drives and operates fire fighting and support vehicles.
- Performs pump operations.

- Establishes command and control, and also coordinates/directs fire fighting and rescue activities until relieved by a senior fire officer.
- Performs fire alarm communication center duties. Alerts fire fighting personnel and support agencies, dispatches equipment, and informs personnel of the location and nature of emergency. Provides pertinent information during emergencies, and maintains a fire station log. Monitors, receives, and records information from normal or emergency communication systems. Maintains and reads maps, charts, and status boards. Operates automated communication center equipment. Performs the Civil Engineer service call function as required.
- Inspects, maintains, repairs, recharges, and tests fire extinguishers. Identifies, inspects, and resets fire suppression/detection systems.
- Performs Public Fire Education duties.

4.2.3. Craftsman Firefighter.

- Plans, schedules, and supervises fire protection activities. Directs vehicle responses and vehicle positioning. Directs and controls fire fighting attack, confinement, extinguishment, salvage, overhaul, ventilation, and rescue activities.
- Develops and coordinates pre-incident plans, mutual aid agreements, and support agreements.
- Performs fire prevention inspections. Determines requirements for fire detection and suppression systems, heat and smoke venting devices, water supply and distribution systems, and selection of construction materials. Determines exit criteria and fire flow requirements. Reads and interprets plans, drawings, and specifications. Identifies fire hazards and deficiencies. Computes fire extinguisher distribution requirements.
- Plans, schedules, conducts and evaluates training. Prepares and maintains fire protection records, reports, and charts.
- Performs Fire Education and Fire Cause Determination duties.

4.2.4. Superintendent Firefighter.

- Manages all contingency, training, and fire prevention programs. Functions as the fire chief or as an assistant to the fire chief.
- Plans, organizes, manages, and directs all fire department activities. Plans and schedules periodic facility inspections to ensure sound fire prevention practices have been implemented and to detect fire safety hazards and deficiencies. Prepares and coordinates fire protection mutual aid and support agreements.

- Develops and establishes tactical fire suppression and rescue plans.
- Analyzes fire department operations, determines trends and potential problems, and formulates corrective measures. Determines or defines the need for information management systems necessary to effectively plan, program, and obligate resources. Conducts risk analysis studies and develops/implements policies or quality performance measures as required to maintain mission effectiveness.
- Evaluates fire protection activities. Performs staff or major command visits to fire protection organizations to ensure adequate use of facilities, vehicles, and equipment. Determines the degree of compliance with fire protection policy directives and written instructions. Conducts investigations to determine actual or underlying causes of fire, the effectiveness of fire suppression operations, and to retrieve/validate reported fire loss cost estimates.
- Evaluates techniques for entry to structures and aerospace vehicles to rescue personnel or recover equipment. Solves problems involving extremely volatile elements such as petroleum products, lubricating products, oxidizers, missile fuels, chemicals, and other materials involving radiological hazards. Develops comprehensive fire protection checklists and prefire plans for hazardous operations.
- Reviews all project plans and specifications to include the AF Form 332, DD Form 1391, and project books for technical adequacy of fire protection features. Determines requirements for all types of installed fire suppression and detection systems.

5. Skill/Career Progression. Adequate training and timely progression from the apprentice to superintendent skill level plays an important role in the Air Force's ability to accomplish its mission. It is essential that everyone involved in training do their part to plan, develop, manage, and conduct an effective training program. The guidance provided in this part of the CFETP will ensure individuals receive viable training at appropriate points in their careers.

5.1. Apprentice. (3-Level)

- Upon completion of initial skills training at Goodfellow AFB TX, the apprentice fire fighters will work with a trainer to enhance their knowledge and skills as an individual and as an integral part of a fire fighting team.
- Typically assigned to a crash or structural fire fighting crew and required to operate handlines, make hose connections to fire hydrants, or perform turret operator duties.
- Expected to perform the duties outlined in National Fire Protection Association (NFPA) Standard 1001 (Fire Fighter I and II levels); NFPA Standard 472 (Hazardous Materials Awareness and Operations levels); NFPA Standard 1003 (Airport Fire Fighter level) and Department of Transportation First Aid First Responder level.

- Utilize Career Development Course (CDC), Air Force Qualification Training Packages (AFQTPs) and other exportable courses for subject and task fundamentals in this career field. Successfully complete applicable CerTests.
- Once trained and task certified at the HAZMAT Operations, Fire Fighter II, Airport Fire Fighter, and Apparatus Driver Operator - Pumper, Mobile Water Supply, and ARFF levels, the apprentice fire fighter may perform the task without direct supervision.
- After all upgrade training requirements are completed, supervisors and Unit Education and Training Managers (UETM) coordinate upgrade procedures.
- **NOTE:** All trainees are automatically enrolled in the Community College of the Air Force (CCAF) when awarded their primary AFSC.

5.2. Journeyman. (5-Level)

- Enter into continuation training to broaden their experience base. The duties a journeyman fire fighter is expected to perform are outlined in NFPA Standard 472, Hazardous Materials Operations; NFPA Standard 1001, Fire Fighter II; NFPA Standard 1002, Apparatus Driver Operator; and NFPA Standard 1003, Airport Fire Fighter.
- 5-levels may be assigned job positions such as Fire Academy instructor, fire alarm communication center dispatcher, apparatus driver/operator, hazardous materials team member, or as a rescue crewmember.
- Will attend the Airman Leadership School (ALS) after serving 48 months in the Air Force (active duty only). Either the in-residence or correspondence course is required for Air Reserve Component (ARC) personnel.
- Will use CDC's and other reference material to prepare for Weighted Airman Promotion System (WAPS) testing.
- Should continue pursuing a CCAF degree in Fire Science Technology through the Community College of the Air Force (CCAF).
- After all upgrade training requirements are completed, supervisors and UETMs coordinate upgrade procedures.

5.3. Craftsman. (7-Level)

- A craftsman can expect to fill various supervisory and management positions such as crew chief, station chief, assistant chief, hazardous materials team member/leader, fire inspector, safety officer, supply technician, training chief, or Fire Academy instructor.

- 7-levels should take continuation-training courses or obtain additional knowledge on management of resources and personnel by performing the duties outlined in NFPA Standards 1021, 1031, and 1041.
- Continued academic education through CCAF and higher degree programs is encouraged.
- Will attend the Noncommissioned Officer Academy (NCOA) after promotion to TSgt (active duty only). Either the in-residence or correspondence course is required for Air Reserve Component (ARC) personnel.
- After all upgrade training requirements are completed, supervisors and UETMs coordinate upgrade procedures.

5.4. Superintendent. (9-Level)

- Must be a SMSgt for award of the 9-skill level.
- A 9-level can be expected to fill positions such as hazardous materials team leader, assistant chief for operations, assistant chief for fire prevention, assistant chief for training, assistant chief for operations and readiness, and fire chief.
- Assigned to major command Inspector General teams and Air Staff/MAJCOM staff positions. Should pursue increased knowledge of budget, manpower, resources, and personnel management.
- Recommend the pursuit of additional higher education and completion of courses outside this AFS.

5.5. Fire Protection Manager. (3E700)

- Must be selected for CMSgt and possess qualifications in specialty 3E7X1.
- Will work in a variety of similar jobs and functional areas where general managerial and supervisory abilities can be most effectively used and challenged.
- Resident graduation of the USAF Senior NCO Academy (SNCOA) is a prerequisite for CMSgt sew-on (active duty only). In residence or correspondence course required for ARC personnel.

5.6. Skill Level and Duty Position Certification Requirements. The Fire Protection Career Field has DoD certification requirements that are tied to specific skill-levels and duty positions. To be considered fully qualified the firefighter must be DoD certified at the applicable levels indicated below.

5.6.1. Skill Level Certification Requirements: The following DoD certification requirements are the minimum certification levels required for award and retention of the skill levels listed below.

<u>Skill Level</u>	<u>DoD Certification Levels Required</u>
(3 Level) Fire Fighter	Fire Fighter I and II Hazardous Materials Awareness Hazardous Materials Operations Airport Fire Fighter
(5 Level) Driver Operator	Driver Operator Pumper Driver Operator ARFF Driver Operator Mobile Water Supply
(7 Level) Crew Chief	Fire Officer I Fire Instructor I Fire Inspector I
(9 Level) Assistant Chief of Operations Asst Chief Ops & Readiness	Fire Officer III Fire Instructor II Fire Inspector II Hazardous Materials Incident Commander
(Chief Enlisted Manager) Fire Chief	Fire Officer IV Fire Inspector II Fire Instructor II Hazardous Materials Incident Commander

5.6.2. Duty Position Certification Requirements: The following DoD certification requirements are the minimum certification levels required (regardless of the military members grade) to fill the duty positions listed below.

<u>Duty Position</u>	<u>DoD Certification Levels Required</u>
Driver Operator	Driver Operator Pumper Driver Operator ARFF Driver Operator Mobile Water Supply
Dispatcher/Alarm Room Operator	Telecommunicator II

Duty Position

Hazardous Materials Team Member

Crew Chief

Station Chief/Captain

Fire Inspector

Assistant Chief of Training

Assistant Chief of Fire Prevention

Assistant Chief of Operations
Asst Chief Ops & Readiness

Fire Chief

MAJCOM Fire Protection Specialist

DoD Certification Levels Continued

Hazardous Material Technician

Fire Officer I
Fire Instructor I
Fire Inspector IFire Officer II
Hazardous Materials Incident CommanderFire Inspector II
Instructor I
Hazardous Materials AwarenessFire Instructor III
Fire Officer III
Fire Inspector II
Hazardous Materials Incident CommanderFire Inspector III
Fire Instructor IIFire Officer III
Fire Instructor II
Fire Inspector II
Hazardous Materials Incident CommanderFire Officer IV
Fire Inspector II
Fire Instructor II
Hazardous Materials Incident CommanderFire Officer IV
Fire Inspector II
Fire Instructor II

6. Training Decisions. The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Fire Protection career field. The spectrum includes a strategy for when, where, and how to meet the training requirements. The strategy must be apparent and affordable to reduce duplication of training and eliminate a disjointed approach to training. The following decisions were made at the career field Utilization & Training Workshop (U&TW) held at Goodfellow AFB, TX in Dec 00. Based on the results of our U&TW, the unanimous approval of the DoD Service Components, the unanimous approval of the Air Force Training Committee held at Sheppard AFB and the Air Force Civil Engineer Program Review Committee, the following initiatives were approved (See Section D of the CFETP for specific in-residence course numbers):

Initial Skills Training STS Line Items Signed Off By Goodfellow AFB Instructors:

Effective 12 Apr 02, students graduating from the Apprentice Fire Protection Specialty course will graduate their entry level STS line items signed off by the Fire Academy Instructors as part of the Mission Ready Airman program.

Driver Operator - Mobile Water Supply Course: Effective 1 Jan 02, the Driver Operator – Mobile Water Supply course (CDC 10028) became a mandatory 5-level training requirement.

Apprentice Firefighter Course: Added first aid first responder training back into the Apprentice course so the candidates graduate from school with a first aid first responder card. Added the new firefighter fitness occupational assessment to the Apprentice course after they complete the structural block of instruction and expanded the use of the CerTest computer-based testing program for all block tests.

Fire Inspector Courses: Agreed to continue to offer Fire Inspector I and II as in-residence courses but also expand these courses to be offered under the mobile training team concept. Additionally, reduce the number of Inspector I and II courses taught in-residence so we can also develop an in-residence Fire Inspector III course.

Fire Officer Courses: Create in-residence Fire Officer III and IV courses (10 training days each) using the Executive Fire Officer philosophy of having members from each of the service components attend the class together so we can capitalize on each others experiences and also help/learn from each other. Add the National Fire Academy Safety Officer curriculum to the existing Fire Officer II course. These courses would meet NFPA Standard 1021 and specifically focus on how we do business in the DoD.

HazMat and HazMat/Weapons of Mass Destruction Courses: Continue to offer the existing 20-day HazMat Train-the-Trainer course twice a quarter so we can continue to grow T-t-T graduates in the field and also support our DoD counterparts who have not had an opportunity to attend the course. For the remaining course offerings, make Awareness and Operations a prerequisite for attending a new (13 training days) Technician, Incident Commander, and Weapons of Mass Destruction Course (this is not a train-the-trainer course) so that we can provide valuable hands-on training necessary to meet today's greatest emerging threat--emergency response to terrorism.

Fire Instructor III / Training Chiefs Course: By making Awareness and Operations a prerequisite for the new Technician, Incident Commander and Weapons of Mass Destruction Course, we save 5 training days which will be used to develop a course for our DoD training chiefs. This course would teach them the certification process, show them how to enroll people in courses, request in-residence school quotas, how to use CerTest, show them the web sites that are available to assist them with their jobs, etc.

Rescue Technician: The current rescue technician course taught at the Fire Academy and USAFE Fire Academy meets NFPA Standard 1006, Chapters 3, 4, 6, & 7. We have approval to pursue the development of a Rescue Technician II course that will meet Chapters 8 and 9 (Trench Rescue and Collapse) of NFPA Standard 1006. This course is also geared towards the results of terrorist attacks where we have explosions with large debris and people trapped.

These initiatives will help provide a clear career path training options for all DoD firefighters and allow the DoD Fire Academy to expand its products and services into much needed service areas. In addition, these initiatives will eliminate the need to purchase contractor provided training.

6.1. Initial Skills Training. The initial skill course was reviewed for content. Additions, deletions, and modifications were made to the course using Mission Ready Airman (MRA) as the guiding criteria.

6.2. 5-Level Upgrade Training Requirements. Existing CDC's were reviewed and scrubbed to ensure only current material remained and new technology information was added.

6.3. 7-Level Upgrade Training Requirements. 7-level training requirements were reviewed.

6.4. Proficiency Training.

- Any additional knowledge and skill requirements that were not taught through initial skills or upgrade training are assigned as continuation training.
- Purpose of continuation training is to provide training exceeding minimum upgrade training requirements with emphasis on present and future duty positions.
- MAJCOMs must develop a continuation-training program that ensures individuals in the Fire Protection career field receive the necessary training at the appropriate point in their careers.

- The training program will identify both mandatory and optional training requirements.

6.4.1. Supplemental Training. Subject Matter Experts (SMEs) and the Training Committee reviewed supplemental training courses for technical accuracy.

7. Community College of the Air Force (CCAF) Academic Programs. Airmen are automatically enrolled in CCAF upon completion of basic military training. CCAF provides the opportunity to obtain an Associates in Applied Sciences Degree. In addition to its associates degree program, CCAF offers the following:

- **Occupational Instructor Certificate.** Upon completion of instructor qualification training (consisting of an Instructor Methods course and supervised practice teaching), CCAF instructors possessing an associates degree or higher may be nominated by their school commander/commandant for certification as an occupational instructor.
- **Trade Skill Certification.** When a CCAF student separates or retires, a trade skill certification is awarded for the primary occupational specialty. The College uses a competency-based assessment process for trade skill certification at one of four proficiency levels: Apprentice, Journeyman, Craftsman/Supervisor, or Master Craftsman/Manager. All are transcribed on the CCAF transcript.

7.1. The Fire Science Technology Degree (9IFY) applies to AFSC 3E7X1.

7.2. Degree Completion Requirements (64 Semester Hours). The journeyman 5-level (or fully qualified equivalent) must be held at time of program completion and the following requirements must be met.

Course	Semester Hours
Technical Education.....	24
Leadership, Management, and Military Studies.....	6
Physical Education.....	4
General Education.....	15
Program Elective.....	15
Technical Education; Leadership, Management, and Military Studies; or General Education	
Total.....	64

7.2.1. Technical Education (12-24 Semester Hours):

Technical Core Requirements
Semester Hours

Aerospace Vehicle Firefighting.....	9
CCAF Internship.....	18
Fire Apparatus Operation.....	6
Fire Department Administration.....	3
Fire Service Rescue.....	9
Hazardous Materials.....	6
Introduction to Fire Science.....	3
Structural Firefighting.....	12

Technical Electives (0-12 Semester Hours)

Subjects/Courses	Semester Hours
Building Construction for Fire Protection.....	3
Computer Science.....	6
Emergency Medicine.....	6
Enlisted Professional Military Education.....	6
Fire Codes and Related Ordinances.....	3
Fire Command.....	3
Fire Hydraulics.....	3
Fire Instructor.....	3
Fire Prevention/Inspection	6
Fire Protection Systems.....	3
Fire/Arson Investigation.....	3
Firefighting Occupational Safety.....	3
General Chemistry.....	6
Technical Writing.....	3

7.2.2. Leadership, Management, and Military Studies (6 Semester Hours): Professional military education and civilian management courses accepted in transfer, and/or by testing credit.

7.2.3. Physical Education (4 Semester Hours): This requirement is satisfied by completion of PHE 1000 - Basic Military Training.

7.2.4. General Education (15 Semester Hours): Applicable courses must meet the criteria for application of courses to the general education requirement and agree with the definitions of applicable general education subjects/courses as provided in the CCAF General Catalog.

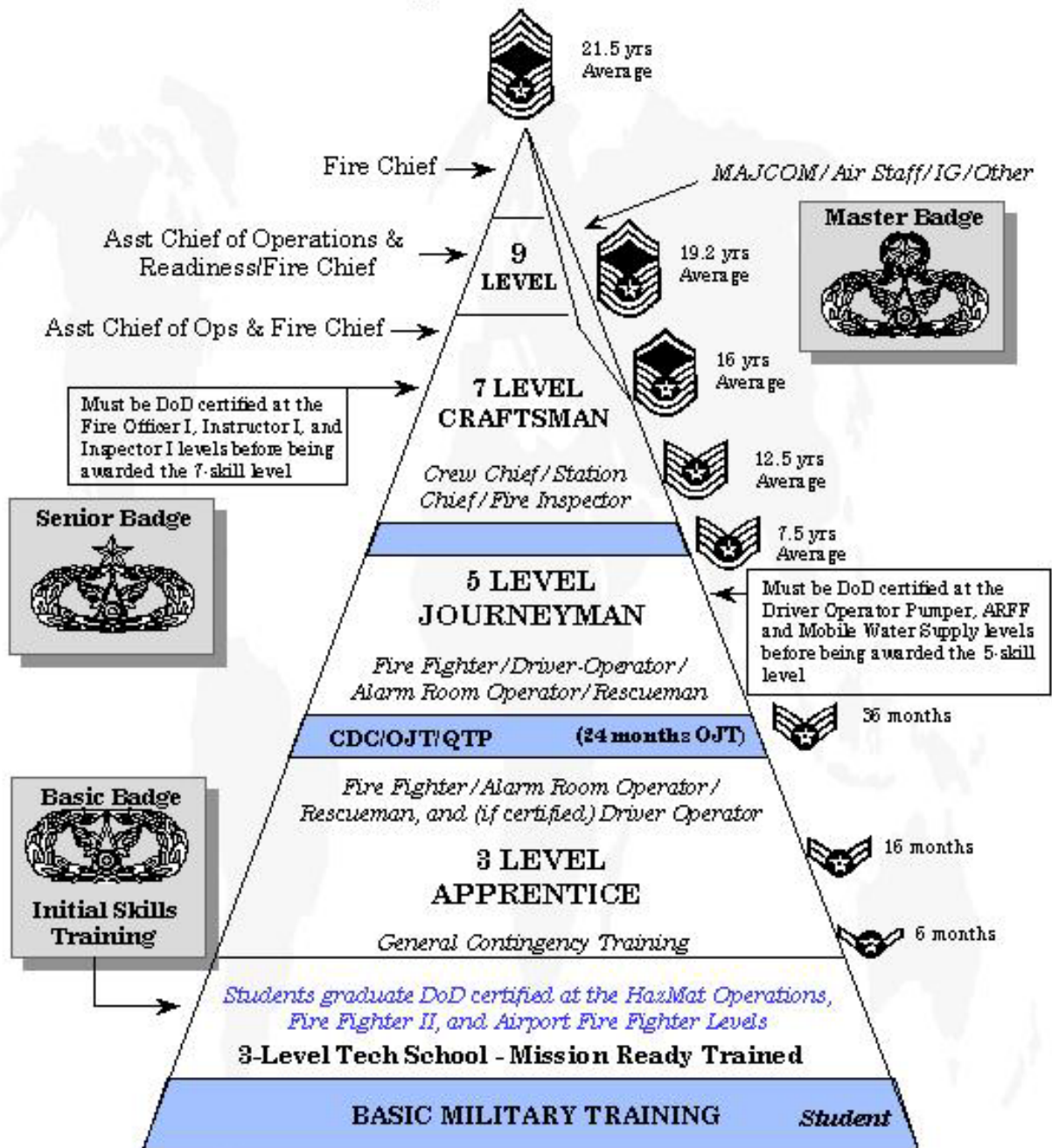
General Education	Semester Hours
Oral Communication	3
Speech	
Written Communication	3
English Composition	
Mathematics	3
Intermediate algebra or a college-level mathematics course satisfying the delivering institution's mathematics graduation requirement-if an acceptable mathematics course applies as technical or program elective, you may substitute a natural science course for mathematics.	
Social Science	3
Anthropology, archaeology, economics, geography, government, history, political science, psychology, and sociology	
Humanities	3
Fine arts (criticism, appreciation, historical significance), foreign language, literature, philosophy, and religion	

7.2.5. Program Elective (15 Semester Hours). Courses applicable to the technical education; leadership, management, and military studies (LMMS); or general education requirements. Natural science courses that meet the general education requirement (GER) application criteria. Foreign language credit earned at the Defense Language Institute or through the Defense Language Proficiency Test. A maximum of 6 semester hours of CCAF degree-applicable technical course credit otherwise not applicable to program of enrollment.

7.3. Additional off-duty education is a personal choice that is encouraged for all. Individuals desiring to become an AETC Instructor should actively pursue an Associates Degree. A qualified faculty is necessary to maintain accreditation through the Southern Association of Colleges and Schools (SACS).

8. Fire Fighter Enlisted Career Pyramid.

Fire Fighter Career Path



8.1. CE Occupational Badge. The Civil Engineer badge reflects a great history and tradition. By wearing it, you will be recognized by your fellow airmen as having achieved an expected level of competence. The multitude of engineers before you established this expectation through excellent service in both peace and war. Eligibility criteria for award and wear of AF occupational badges can be found in AFI 36-2923 (Aeronautical, Duty, and Occupational Badges), on the Air Force Electronic Publications Library (AFEPL).

8.1.1. CE Badge Heraldry. The gear wheel and compass have historically been used to represent the engineering profession, in both the military and civilian sector. The gear represents the essence of engineering: applying scientific principles and technology to practical ends. To Air Force engineers, the gear symbolizes an element (representing the built environment) that meshes with other environments (weapon systems and trained personnel) to enable the Air Force to perform its mission. The compass is a precision tool historically used by engineers in designing and constructing facilities and equipment. The gear and compass together symbolize all the diverse specialties within Air Force civil engineering. Finally, the wings help portray the fundamental linkage between engineering and aviation components; and that the built environment is the foundation supporting Air Force mission and people.

8.1.2. Basic Badge. The basic badge is awarded upon successful completion of the Apprentice Fire Protection Specialty course.

8.1.3. Senior Badge. The senior badge adds a star to the top of the badge. This is awarded after the member successfully completes awarding of the 7-level.

8.1.4. Master Badge. The master badge adds a wreath around the star. It's awarded to MSgt's or above with 5 years in the Fire Protection career field from award of the 7-skill level.

8.2. Enlisted Career Path.

Table 8.2 Enlisted Career Path				
PROFESSIONAL MILITARY EDUCATION AND TRAINING REQUIREMENTS				
Education and Training Requirements	GRADE REQUIREMENTS			
	Rank	Average Sew-On	Earliest Sew-On	High Year Of Tenure (HYT)
Basic Military Training school				
Apprentice Technical School (3-Skill Level)	Amn A1C	6 months 16 months		
Upgrade To Journeyman (5-Skill Level) - Complete all core and duty related tasks identified in CFETP. - Minimum 15 months on-the-job training. (9 months for retrainees) - Complete appropriate CDC if/when available.	SrA	3 years	28 months	10 Years
Airman Leadership School (ALS) - Must be a SrA with 48 months time in service or be a SSgt selectee. - Resident graduation is a prerequisite for SSgt sew-on (Active Duty Only).	<u>Trainer</u> - Trainer must be qualified and certified on the tasks to be trained. - Must attend formal AF Training Course and be appointed by the Commander in writing.			
Upgrade To Craftsman (7-Skill Level) - Complete all core and duty related tasks identified in CFETP. - Minimum rank of SSgt. - 12 months OJT. - Complete appropriate CDC if/when available.	SSgt	7.5 years	3 years	20 Years
Retrainee: - Minimum 9 months for 5-level - Minimum 12 months for 7-level UGT	<u>Certifier</u> - SSgt with a 5-skill level or civilian equivalent. - Attend formal AF Certifier Course and be appointed by the Commander in writing. - Be a person other than the trainer (for core and critical tasks only).			
Noncommissioned Officer Academy (NCOA) - Must be a TSgt or TSgt selectee. - Resident graduation is a prerequisite for MSgt sew-on (Active Duty Only).	TSgt	12.5 years	5 years	20 Years
	MSgt	16 years	8 years	24 Years
Upgrade to Superintendent (9-Skill Level) - Minimum rank of SMSgt	SMSgt	19.2 years	11 years	26 Years
Fire Protection Manager - USAF Senior NCO Academy (SNCOA) resident graduation is a prerequisite for CMSgt sew-on (Active Duty Only).	CMSgt	21.5 years	14 years	30 Years

SECTION C - SKILL LEVEL TRAINING REQUIREMENTS

9. Purpose. The various skill levels in this career field are defined in terms of tasks and knowledge requirements for the AFS career ladder. They are stated in broad, general terms and establish the standards of performance. An all-encompassing core task list has been developed for this specialty because of the diversity of the missions supported and the equipment installed to meet mission requirements. Core tasks (and diamond tasks as applicable), knowledge items, and skill requirements are identified in the STS. Completion of the mandatory 3-skill level awarding course, the mandatory completion of CDC's, and the mandatory completion of applicable AFQTPs and CerTests comprise Air Force requirements.

10. Skill Level Training Requirements:

10.1. Apprentice (3-Level) Training Requirements. (3E731)

10.1.1. Specialty Qualifications.

10.1.1.1. Knowledge. Completion of the Fire Protection Apprentice course satisfies this mandatory requirement. The knowledge requirements spelled out in NFPA Standards 472, 1001, and 1003 are mandatory.

10.1.1.2. Education. Completion of high school or general education development (GED) is mandatory for entry into this AFS with courses in chemistry, general science, and mathematics is desirable.

10.1.1.3. Training. Completion of the Fire Protection Apprentice course is mandatory for award of this skill level.

NOTE: Air National Guard and Air Force Reserve members with prior fire fighting knowledge, training, and experience, may be eligible to apply for a tech school waiver. See AFI 36-2201, *Developing, Managing and Conducting Military Training Programs*, for specific requirements.

10.1.1.4. Experience. No experience is required. However, experience as a paid or volunteer fire fighter is desirable.

10.1.1.5. Other.

- DoD Fire Fighter Certification in HazMat Operations, Fire Fighter II, and Airport Fire Fighter is mandatory for award of the 3E731 AFSC. The student will receive these DoD certifications by successfully completing the Goodfellow AFB Fire Protection Apprentice course.
- Medical Requirements. Must meet NFPA Standard 1582, *Medical Requirements for Fire Fighters*, for entry, award, and retention of this AFSC.

- Ability to speak clearly and distinctly is mandatory for entry, award, and retention of this AFSC.
- Eligibility for a Secret security clearance according to AFI 31-501, *Personnel Security Program Management*, is mandatory.
- Qualification to operate government vehicles according to AFI 24-301, *Vehicle Operations*, is mandatory.

10.1.2. Training Sources/Resources.

- Formal training is accomplished through Fire Protection Apprentice course, X3ABR3E731 006, at Goodfellow AFB TX.
- The COL (Part II, Section B of this CFETP) identifies all the knowledge and tasks, with their respective standards.
- When available, AFQTPs and applicable CerTests are mandatory for use during UGT/QT on all core tasks, critical tasks, and contingency/war diamond (♦) tasks

10.1.3. Implementation.

- The 3-skill level is awarded upon graduating from the Apprentice Fire Protection Specialist course.

10.2. Journeyman (5-Level) Training Qualifications. (3E751)

10.2.1. Specialty Qualifications. Entry into 5-level upgrade training is initiated after the individual arrives on station and has completed orientation of local procedures.

10.2.1.1. Knowledge. Knowledge is mandatory of National Fire Protection Association (NFPA) Standards 472, 1001, 1002, and 1003.

10.2.1.2. Education. Completion of high school with courses in chemistry, general science, and mathematics is desirable.

10.2.1.3. Training.

- Successful completion of the following CDC courses is mandatory:

Note: In lieu of completing CDCs, trainees, with their organizations approval, are allowed to satisfy these requirements by completing state or contractor provided International Fire Service Accreditation Congress (IFSAC) and National Professional Qualification System (NPQS) accredited courses and then requesting reciprocity from the DoD Administration Center located at Tyndall AFB, FL.

- Trainees graduating from the Fire Protection Apprentice course after 31 Dec 01 require:
 - CDC 10023M or S, Apparatus Driver Operator - Pumper
 - CDC 10027, Apparatus Driver Operator - ARFF
 - CDC 10028, Apparatus Driver Operator - Mobile Water Supply

Note: Active duty trainees have a total of 15 months to complete the Driver Operator – ARFF, Pumper, and Mobile Water Supply CDC Courses. Because of the limited amount of training days available to Air Force Reserve and Air National Guard trainees, they can enroll in the courses one course at a time and have a maximum of one year to complete each course.

- Certification of all 5-level core tasks identified with a single asterisk(*) in the core task column of the STS is mandatory.
- Completion of AFQTPs for assigned core tasks and contingency war diamond (♦) tasks are mandatory.
- Completion of the General Contingency Responsibilities Multimedia Course for all contingency war diamond (♦) tasks is mandatory if the course was not completed at the entry-level tech school. There are 17 lessons that need to be completed and the trainee receives a certificate for each lesson they complete. To receive credit for the course and Category I Readiness Training the trainee must complete all 17 lessons.
- Certification of duty position requirements identified by the supervisor is mandatory.

10.2.1.4. Experience.

- Experience performing the skills listed in NFPA Standards 472, 1001, 1002, and 1003 is mandatory.
- Qualification in and possession of 3-skill level.
- Minimum 15 months on-the-job training (9 months for retrainees) before award of 5-skill level.

10.2.1.5. Other.

- The following DoD certifications are mandatory for award and retention of the 5-skill level:
 - Apparatus Driver Operator - Pumper

- Apparatus Driver Operator - ARFF
- Apparatus Driver Operator - Mobile Water Supply
- Medical Requirements. Must meet NFPA Standard 1582, *Medical Requirements for Fire Fighters*, for entry, award, and retention of this AFSC.
- Must have a Secret security clearance according to AFI 31-501, *Personnel Security Program Management*, for award and retention of this AFSC.
- Qualification to operate government vehicles according to AFI 24-301, *Vehicle Operations*, is mandatory.

10.2.2. Training Sources/Resources.

- Trainees graduating from Fire Protection Apprentice course require:
 - CDC 10023, Apparatus Driver Operator - Pumper
 - CDC 10027, Apparatus Driver Operator - ARFF
 - CDC 10028, Apparatus Driver Operator - Mobile Water Supply
- The STS (Part II, Section A of the CFETP) identifies all core tasks required for qualification in the individual's duty position.
- Qualified trainers provide upgrade and qualification training for duty position, managed programs, and/or equipment to be used.

10.2.3. Implementation.

- Entry into formal journeyman upgrade training is accomplished after individuals are assigned to their first duty station. While awaiting arrival of the CDC's, apprentices build task experience while reinforcing the training learned at Goodfellow AFB.

10.3. Craftsman (7-Level) Training Requirements. (3E771)

10.3.1. Specialty Qualifications. All 5-level qualifications apply to 7-level requirements.

10.3.1.1. Knowledge. Knowledge is mandatory of the requirements spelled out in NFPA Standard 1021 (Fire Officer I), NFPA Standard 1041 (Fire Service Instructor I) and NFPA Standard 1031 (Fire Inspector I).

10.3.1.2. Education.

- To assume the grade of SSgt, individuals must successfully complete Airman Leadership School (active duty only).
- To assume the grade of MSgt, individuals must successfully complete the NCO Academy (active duty only).
- For ANG/AFRC personnel, completion of Air Force Institute for Advanced Distributed Learning (AFIADL) courses 00001 (ALS) and 00006 D & E (NCO Academy) satisfies the requirements.
- Possession of an Associate's Degree in Fire Science Technology is desirable.

10.3.1.3. Training.

- Successful completion of the following CDCs is mandatory:

Note: In lieu of completing CDCs, trainees, with their organizations approval, are allowed to satisfy these requirements by completing state or contractor provided International Fire Service Accreditation Congress (IFSAC) and National Professional Qualification System (NPQS) accredited courses and then requesting reciprocity from the DoD Administration Center located at Tyndall AFB, FL.

- CDC 10211, Fire Officer I.
- CDC 10411, Fire Instructor I.
- CDC 10311, Fire Inspector I.
- Completion of the AFIT MGT 427, Fire Protection Management Applications course is strongly encouraged for MSgt's or Master Selects.
- Certification of all 5 and 7-skill level core tasks identified with a single (*) asterisk and double asterisk (**) in the core column of the STS is mandatory.
- Completion of all AFQTPs for assigned core and diamond (♦) tasks is mandatory.
- Completion of CerTests for all diamond (♦) tasks with a minimum of 80% is mandatory.
- Completion of duty position requirements identified by the supervisor is mandatory. Completion of other specialized fire fighter certification courses is highly encouraged. (i.e. Fire Officer II, Fire Inspector series, Fire Instructor series, etc.)

10.3.1.4. Experience.

- Experience performing the skills listed in NFPA Standards 1021, 1031, and 1041 is mandatory.
- Experience performing and supervising fire protection functions is mandatory.
- Qualification in and possession of a 5-skill level.

10.3.1.5. Other.

- Certification Requirements. Must be certified by the DoD Fire Fighter Certification System at the Fire Officer I, Fire Inspector I, and Fire Instructor I levels.
- Medical Requirements. Must meet NFPA Standard 1582, *Medical Requirements for Fire Fighters*, for entry, award, and retention of this AFSC.
- Must have a Secret security clearance according to AFI 31-501, *Personnel Security Program Management*, for award and retention of this AFSC.

10.3.2. Training Sources/Resources.

- CDC 10211, Fire Officer I.
- CDC 10411, Fire Instructor I.
- CDC 10311, Fire Inspector I.
- NCO Academy course 00006 D & E (paper-based correspondence).
- Course MGT 427, AFIT in-residence Fire Protection Management Applications Course.
- The STS (Part II, Section A of this CFETP) identifies all core tasks required for qualification in the individual's duty position.
- Qualified trainers provide upgrade and qualification training for duty positions, managed programs, and/or equipment to be used.

10.3.3. Implementation.

- Entry into 7-level training is initiated when an individual is selected for SSgt and has fulfilled all 5-level requirements.
- Qualification training is initiated any time an individual is assigned duties they're not qualified and DoD certified to perform.
- AFQTPs are used concurrently to obtain necessary duty position qualifications.

10.4. Superintendent (9-Level) Training Requirements. (3E791)

10.4.1. Specialty Qualifications.

10.4.1.1. Knowledge. Knowledge is mandatory of the requirements spelled out in NFPA Standards 1021 (Fire Officer III), 1031 (Fire Inspector II), 1041 (Fire Instructor II), 472 (HazMat Incident Commander).

- Air Force training programs

10.4.1.2. Education.

- ANG/AFRC personnel must complete AFIADL course 00005 (computer-based CD-ROM) or in-residence SNCOA course prior to award of the 9-skill level.
- Completion of the AFIT in-residence, MGT 427, Fire Protection Management Applications Course is desirable.
- Possession of an Associate's Degree in Fire Science Technology is desirable, or a bachelor's degree in any other related field is desirable.
- Be a graduate of the National Fire Academy Executive Fire Officer Program is desirable.

10.4.1.3. Training.

- Completion of the applicable DoD Certification System career development courses listed below in paragraph 10.4.1.5. is mandatory.

Note: In lieu of completing CDCs, trainees, with their organizations approval, are allowed to satisfy these requirements by completing state or contractor provided International Fire Service Accreditation Congress (IFSAC) and National Professional Qualification System (NPQS) accredited courses and then requesting reciprocity from the DoD Administration Center located at Tyndall AFB, FL.

- Completion of duty position training requirements.

10.4.1.4. Experience.

- Experience performing the skills required in the applicable NFPA Standards is mandatory.
- Experience managing and supervising fire protection functions and directing fire fighting operations is mandatory.
- Qualification in and possession of 7-skill level is mandatory.

10.4.1.5. Other.

- Certification Requirements. To be upgraded to the 3E791 superintendent level, the following certifications are mandatory: Fire Officer III, Fire Inspector II, Fire Instructor II, and HAZMAT Incident Commander.
- In-residence SNCO Academy located at Maxwell AFB - Gunter Annex AL.

10.4.2. Training Sources/Resources.

- Successful completion of the following CDCs is mandatory unless the individual has already been certified under the DoD Fire Fighter Certification Program at these levels or higher levels.
 - CDC 10213, Fire Officer III
 - CDC 10312, Fire Inspector II
 - CDC 10412, Fire Instructor II
 - CDC 47205, Hazardous Materials Incident Commander
- In-residence SNCO Academy located at Maxwell AFB - Gunter Annex AL.
- SNCO Academy course 00005 (exportable computer-based CD-ROM).

10.4.3. Implementation.

- Entry into 9-level training is initiated when an individual is selected for promotion to the grade of SMSgt and is a fully qualified 7-level.
- Qualification training is initiated any time an individual is assigned duties they are not qualified to perform.

10.5. Fire Protection Manager Training Requirements. (3E700)

10.5.1. Specialty Qualifications.

10.5.1.1. Knowledge. Knowledge is mandatory of:

- Managing and directing personnel resource activities.
- Interpreting and enforcing policy and applicable directives.
- Establishing control procedures to meet work goals and standards.

- Recommending or initiating actions to improve operational efficiency.
- Planning and programming work commitments and schedules.
- Developing plans regarding facilities, supplies, and equipment procurement and maintenance.
- The requirements spelled out in NFPA Standards 1021 (Fire Officer IV), 1031 (Fire Inspector II), 1041 (Fire Instructor II), 472 (HazMat Incident Commander).

10.5.1.2. Education.

- Must be a resident graduate of SNCOA (active duty only)
- Possession of an Associate's Degree in Fire Science Technology is desirable, or a bachelor's degree in any other related field is desirable.
- Be a graduate of the National Fire Academy Executive Fire Officer Program is desirable.

10.5.1.3. Training. Completion of the applicable DoD Certification System career development courses listed below in paragraph 10.5.2. is mandatory.

Note: In lieu of completing CDCs, trainees, with their organizations approval, are allowed to satisfy these requirements by completing state or contractor provided International Fire Service Accreditation Congress (IFSAC) and National Professional Qualification System (NPQS) accredited courses and then requesting reciprocity from the DoD Administration Center located at Tyndall AFB, FL.

10.5.1.4. Experience.

- Experience performing the skills required in the applicable NFPA Standards is mandatory.
- Experience managing and supervising fire protection functions and directing fire fighting operations is mandatory.
- Managerial ability to plan, direct, coordinate, implement, and control a wide range of work activity.

10.5.1.5. Other.

- Certification Requirements. The following DoD fire fighter certifications are mandatory: Fire Officer IV, Fire Inspector II, Fire Instructor II, and HAZMAT Incident Commander.

10.5.2. Training Sources/Resources

- Successful completion of the following CDCs is mandatory unless the individual has already been certified under the DoD Fire Fighter Certification Program at these levels or higher levels.
 - CDC 10214, Fire Officer IV
 - CDC 10312, Fire Inspector II
 - CDC 10412, Fire Instructor II
 - CDC 47205, Hazardous Materials Incident Commander

10.5.3. Implementation.

- Entry into Fire Protection Manager code 3E700 is initiated when an individual is selected for promotion to the grade of CMSgt.

SECTION D - RESOURCE CONSTRAINTS

11. Purpose. The following paragraphs describe the resource constraints that result from publication of this CFETP. All constraints are referenced to specific STS line items that are shown as slashed (/) on the STS.

12. Apprentice (3-Level) Training.

12.1. Constraints. None.

12.1.1. Impact. None.

12.1.2. Resources Required. None.

12.1.3. Action Required. None.

12.2. OPR/Target Completion Date. None.

13. Journeyman (5-Level) Training.

13.1. Constraints. None.

13.1.1. Impact. None.

13.1.2. Resources Required. None.

13.1.3. Action Required. None.

13.2. OPR/Target Completion Date. None.

14. Craftsman (7-Level) Training.

14.1. Constraints. None.

14.1.1. Impact. None.

14.1.2. Resources Required. None.

14.1.3. Action Required. None.

14.2. OPR/Target Completion Date. None.

SECTION E - TRANSITIONAL TRAINING GUIDE

“There are no transition training requirements for the Fire Protection Specialty. This section is reserved.”

PART II

SECTION A - SPECIALTY TRAINING STANDARD

1. Implementation. This STS will be used for technical training provided by AETC for Apprentice Fire Protection Specialist course with class beginning 3 May 2002 and graduating 8 August 2002.

2. Purpose. As prescribed in AFI 36-2201, this STS:

2.1. Lists in Column 1 (*Tasks, Knowledge, and Technical Reference*) the most common tasks, knowledge, and technical references (TR) necessary for airman to perform duties in the 3-, 5-, and 7-skill level.

2.2. Column 2 (*Core Tasks*) identifies core tasks (specialty-wide training requirements) by an asterisk (*) for 5- and 7-skill levels or a double asterisk (**) for 7-skill level only. *As a minimum, trainees must complete hands-on certification on all core and critical tasks for skill level upgrade.*

2.2.1. Tasks identified by a diamond (♦) in column 2 are considered contingency tasks for both the 5- and 7-skill level and are extremely important to the career field. Equipment shortfalls at most locations however, have created problems with the actual hands-on certification of these tasks. In instances where required equipment is not available for instruction, completion of the task's AFQTP and passing the corresponding CerTest is all that is required for upgrade and qualification training.

2.3. Provides **certification for OJT**. Columns 3A, B, C, D and E are used to record completion of tasks and knowledge training requirements. If available and approved by the Fire Protection CFM, use automated training management systems to document technician qualifications. **Task certification of core and critical tasks** require a training completion date and the initials of the trainee, trainer, and certifier. All non-core tasks require a training completion date and the initials of the trainee and trainer only.

2.4. Shows **formal training and correspondence course requirements**. Columns 4A, B, and C show the proficiency to be demonstrated on the job by the graduate as a result of training on the task/knowledge and the career knowledge provided by the initial skills training course, correspondence course, and read-ahead material. See CADRE/AFSC/CDC listing maintained by the unit education and training manager for current CDC listings.

2.5. Identifies **qualitative requirements**. Attachment 1 contains the *Proficiency Code Key* used to indicate the level of training and knowledge provided by resident training and career development courses.

2.6. Becomes a **job qualification standard (JQS)** for on-the-job training when placed in AF Form 623, Individual Training Record, and used according to AFI 36-2201, *Developing, Managing and Conducting Military Training Programs*. When used as a JQS, the following requirements apply:

2.6.1. Documentation. Document and certify completion of training.

2.6.1.1. Identify **current duty position requirements** by circling the subparagraph number or letter next to the task statement. Additionally, all core and diamond (♦) identified tasks will be circled. Document task completion by annotating columns 3A, 3B, 3C, and 3D. *Note:* All entries shall be made “in pencil.”

2.6.1.2. Certifying in a new duty position: For **core and critical tasks** the trainer and certifier evaluates the airman’s current qualifications and validates the airman’s ability to complete the task. The trainer, certifier, and trainee then enter their initials and certified date.

2.6.1.3. Transcribing from the old document to the new CFETP. Use the new STS to identify and certify all current and past task qualifications.

2.6.1.3.1. For tasks previously certified and still required in the current duty position:

2.6.1.3.1.1. For **core and critical tasks** the certifier evaluates the airman’s current qualifications and validates the airman’s ability to complete the task. The certifier and trainee then enter their initials and new certified date. (They are in essence “recertifying” the individual.)

2.6.1.3.1.2. For **non-core duty position tasks**, the trainer evaluates the airman’s current qualifications and validates the airman’s ability to complete the task. The trainer and trainee then enter their initials in column 3D and 3C respectively and the current date is entered in column 3B.

2.6.1.3.2. To **transcribe previous certifications for tasks not required in the current duty position**, carry forward only the previous completion dates (not the initials of another person). If and when these tasks become a duty position requirement, recertify the trainee with the current date and trainer, certifier, and trainee’s initials.

2.6.1.4. Documenting Career Knowledge. When a CDC is not available, the supervisor identifies STS training references the trainee requires for career knowledge and ensures, as a minimum, that trainees cover all mandatory items in AFMAN 36-2108, Utilization and Classification of Air Force Military Personnel.

2.6.1.4.1. Two-time CDC course exam failures. Because fire fighter CDCs are part of a national certification system that has been accredited by the International Fire Service Accreditation Congress operated by Oklahoma State University, the waiver authority for two time CDC failures for this career field rests with the Air Force Career Field Manager (AFCFM) located at HQ AFCESA. See AFI 36-2201, *Developing, Managing and Conducting Military Training Programs* for specific waiver procedures.

2.6.1.4.2. CDC waiver packages must be fully justified and be approved by the applicable training and fire protection representatives at the squadron, wing, and MAJCOM levels prior to being forwarded to HQ AFCESA for final approval/disapproval. See AFI 36-2201, *Developing, Managing and Conducting Military Training Programs* for specific waiver procedures. For two time CDC exam failures, supervisors identify all STS items corresponding to the areas covered by the CDC. The trainee completes a study of STS references, undergoes evaluation by the task certifier, and receives certification on the STS. NOTE: Career knowledge must be documented prior to submitting a CDC waiver.

2.6.1.5. Decertification and Recertification. When an airman is found to be unqualified on a task, the supervisor shall erase the previous certification and enter the airman into qualification training. Appropriate remarks are entered on the AF Form 623A; *On-The-Job Training Record Continuation Sheet*, as to the reason for decertification. The individual is recertified using the normal certification process.

2.6.2. Training Standard. Tasks are trained and qualified to the “go” level. “Go” means the individual can perform the task without assistance and meet local demands for accuracy, timeliness, and correct use of procedures. This equates to a “3c” in the proficiency code key. AFQTPs, when available, shall be utilized to identify Air Force standardized procedures. Local requirements for accuracy, timeliness and use of procedures shall be applied accordingly.

2.7. The STS. Used as a guide for the **development of promotion tests** used in the Weighted Airman Promotion System (WAPS). Specialty Knowledge Tests (SKTs) are developed at the USAF Occupational Measurement Squadron by senior NCOs with extensive practical experience in their career fields. The tests sample knowledge of STS subject matter areas judged by the test development team members as most appropriate for promotion to higher grades. Questions are based upon study references listed in the WAPS catalog. Individual responsibilities are in Chapter 14 of AFI 36-2606, *US Air Force Reenlistment, Retention, and NCO Status Programs*. WAPS is not applicable to the Air National Guard or Air Reserve Forces.

3. Recommendations. Comments and recommendations are invited concerning the quality of training AETC graduates receive. Reference this STS regarding changes and address your correspondence to the Joint Fire Protection Training School, 312 TRS/DOF, 301 Comanche Trail, Goodfellow AFB, TX 76908-4213. For the supervisor’s convenience, a Customer Service Information Line (CSIL) has been established. For a quick response to problems, call the CSIL, at DSN 477-3350, or commercially (915) 654-3350, any time (day or night).

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

EARNEST O. ROBBINS II, Maj Gen, USAF
The Civil Engineer
DCS/Installations and Logistics

This block is for identification purposes only.		
Name of Trainee		
Printed Name (Last, First, Middle)	Initials (Written)	SSAN
Printed Names and Written Initials of Training and Certifying Officials		
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	

Qualitative Requirements

Proficiency Code Key		
	Scale Value	Definition: The individual
Task Performance Levels	1	Can do simple parts of the task. Needs to be told or shown how to do most of the task. (Extremely limited)
	2	Can do most parts of the task. Needs only help on hardest parts. (Partially proficient)
	3	Can do all parts of the task. Needs only a spot check of completed work. (Competent)
	4	Can do the complete task quickly and accurately. Can tell or show others how to do the task. (Highly proficient)
Task Knowledge Levels √	a	Can name parts, tools, and simple facts about the task. (Nomenclature)
	b	Can name step by step procedures for doing the task. (Procedures)
	c	Can explain why and when the task must be done and why each step is needed. (Operating principles)
	d	Can predict, isolate, and resolve problems about the task. (Advanced theory)
Subject Knowledge Levels √√	A	Can identify basic facts and terms about the subject. (Facts)
	B	Can explain relationship of basic facts and state general principles about the subject. (Principles)
	C	Can analyze facts and principles and draw conclusions about the subject. (Analysis)
	D	Can evaluate conditions and make proper decisions about the subject. (Evaluation)
Explanations √ A task knowledge scale value may be used alone or with a task performance scale value to define a level of knowledge for a specific task. (Example: "b" and "1b") √√ A subject knowledge scale value is used alone to define a level of knowledge for a subject not directly related to any specific task, or for a subject common to several tasks. /X This mark is used in course columns to show that training is required but not given due to resource constraints. / Lower code (3c/2b) indicates that a task is being trained to a level that is lower than required. Specific tasks not identified with a symbol or proficiency code key (blank) indicates that no training is provided in the course or CDC. Major commands and/or units may establish scale values and combat training as dictated by mission requirements.		

Attachment 1

Note 1: Trainers are responsible for annotating references to identify current sources pending STS revision.

Note 2: Underlined training references are commercial publications or other publications essential for enlisted specialty training and mission accomplishment.

Note 3: Items located in column 4 of the STS that list an NFPA standard as a technical reference, the supporting knowledge/tasks, and their associated behaviors are found in the referenced NFPA standard. These items will not include a proficiency code, but will be trained in the resident course or Career Development Course (CDC) to a level that meets minimum NFPA requirements as defined by HQ AFCESA/CEXF and as authorized by the MAJCOMs. Note 3 is referenced as N3 in the STS.

Note 4: When a knowledge/task in a referenced NFPA standard cannot be taught in a resident course, the affected knowledge/task will be identified in this training standard using the standard proficiency code key found on the previous page.

Note 5: NFPA knowledge/tasks that are requirements for a previous certification level will normally not be repeated in a resident course.

Note 6: All STS knowledge/tasks listed in the 3-level residence column are considered core/war tasks and will be taught in a 3-level wartime course. When an item lists an NFPA standard as a reference, all supporting knowledge and tasks are trained in the resident wartime course unless otherwise noted.

Note 7: Specialized courses are designed and specifically geared towards duty position qualifications. Although they are listed in the five skill level column, these courses are applicable for people filling 5-, 7-, 9- and CEM skill level duty positions. For example, an Assistant Chief for Operations must be certified at the Fire Officer III, Fire Instructor II, Fire Inspector II and HAZMAT Incident Commander levels. Applicable duty position certification requirements are listed in Part II of the CFETP.

1. Task Knowledge And Technical References	2. Core Tasks	3.	Certification for OJT				4. Proficiency Codes Used to Indicate Training / Information Provided					
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level	
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) SC/QTP	(1) CDC	(2) Course
1. Specific OPSEC Vulnerabilities of AFSC 3E7X1 TR: AFI 10-1101							A					
2. Identify Information in Fire Protection Publications TR: <u>NFPA Publications, IFSTA Manuals</u> , and applicable OSHA Regulations												
2.1. Federal Agency Pubs							A					
2.2. Technical Orders	*						A					
2.3. Standard AF Pubs	*						A					
2.4. Commercial Pubs	*						A					
3. Initial Federal Hazardous Communication Training Program TR: AFOSH STD 161.21.1W							A					
4. Environmental Concerns TR: AFI 32-70 Series												
4.1. Fire Station							A					
4.2. Fire Fighting Agents							A					
4.3. Training Exercises							A					
4.4. HazMat Responses							A					
5. Fire Fighter I & II Levels TR: <u>NFPA Standard 1001, 1997 Edition and applicable Commercial Publications</u>												

1. Task Knowledge And Technical References	2. Core Tasks	3.	Certification for OJT				4. Proficiency Codes Used to Indicate Training / Information Provided					
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level	
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) SC/QTP	(1) CDC	(2) Course
5.1. General	*						N3					
5.2. Fire Department Communications												
5.2.1. Receive an emergency call and initiate a response	*						N3					
5.2.2. Receive and route routine phone calls	*						N3					
5.2.3. Transmit and receive communications via radio transmission	*						N3					
5.2.4. Complete a basic incident report	*						N3					
5.3. Fire Ground Operations							N3					
5.3.1. Use Self-Contained Breathing Apparatus	*						N3					
5.3.2. Respond on an emergency apparatus	*						N3					
5.3.3. Force entry into a structure	*						N3					
5.3.4. Exit a hazardous area as a team member	*						N3					
5.3.5. Set up ground ladders	*						N3					
5.3.6. Attack passenger vehicle fires as a team member	*						N3					
5.3.7. Extinguish exterior Class A fires	*						N3					
5.3.8. Conduct search and rescue in a structure as a team member	*						N3					
5.3.9. Attack an interior structural fire as a team member	*						N3					
5.3.10. Perform horizontal ventilation as a team member	*						N3					
5.3.11. Perform vertical ventilation as a team member	*						N3					
5.3.12. Perform overhaul as a team member	*						N3					
5.3.13. Perform salvage as a team member	*						N3					
5.3.14. Establish a Water supply as a team member	*						N3					
5.3.15. Extinguish incipient Class A, B, and C fires	*						3c					
5.3.16. Illuminate an emergency scene	*						3c					
5.3.17. Shutoff utilities	*						N3					

1. Task Knowledge And Technical References	2. Core Tasks	3. Certification for OJT					4. Proficiency Codes Used to Indicate Training / Information Provided					
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level	
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) SC/QTP	(1) CDC	(2) Course
5.3.18. Fight ground cover fires	*						N3					
5.3.19. Extinguish an ignitable liquid (Class B) fire	*						N3					
5.3.20. Coordinate (lead) an interior attack line during a structural fire	*						N3					
5.3.21. Control a flammable gas cylinder fire	*						N3					
5.3.22. Protect evidence of fire cause and origin	*						N3					
5.3.23. Extricate a victim entrapped in a motor vehicle	*						N3					
5.3.24. Assist rescue operations teams	*						N3					
5.4. Fire Prevention, Preparedness, and Maintenance	*						N3					
5.4.1. Perform a dwelling fire safety survey	*						N3					
5.4.2. Present safety information to station visitors or small groups	*						N3					
5.4.3. Clean, inspect, and check fire department equipment	*						N3					
5.4.4. Prepare a pre-incident survey	*						N3					
5.4.5. Maintain power plants (generators), power tools, and lighting equipment	*						N3					
5.4.6. Perform an annual service test on fire hose	*						N3					
5.4.7. Test the operation and flow from a fire hydrant	*						N3					
5.5. Response to Hazardous Materials Incidents												
5.5.1. Awareness Level	*						N3					
5.5.2. Operations Level	*						N3					
5.6. Emergency Medical Care												
5.6.1. Perform CPR TR: American Heart Association	*						N3					
5.6.2. Perform Emergency First Aid TR: DOT National Standard Curriculum	*						N3					
5.7. Participate in the DoD Firefighter Fitness/Wellness Program	*						2b					
6. Airport Fire Fighter TR: <u>NFPA Standard 1003, 2000</u> <u>Edition and applicable Commercial</u> <u>Publications</u>												

1. Task Knowledge And Technical References	2. Core Tasks	3. Certification for OJT					4. Proficiency Codes Used to Indicate Training / Information Provided					
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level	
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) SC/QTP	(1) CDC	(2) Course
6.1. General	*						N3					
6.2. Response	*						N3					
6.3. Fire Suppression	*						N3					
6.4. Rescue	*						N3					
6.5. Post-Emergency Operations	*						N3					
6.6. Perform Forcible Entry into Aircraft	*						N3					
7. As a Member of a Team, Perform Crew Duties During Emergency Response and Live Fire Exercises TR: <u>NFPA Standards 472, 1001, 1003, and applicable IFSTA Manuals</u>	*						2b					
8. GENERAL CONTINGENCY RESPONSIBILITIES TR: AFIs 10-201; 10-207; 10-210, 10- 211, 32-1026; 32-7062; AFH 32- 4011, Vol 1; T.O.s 35E-5-6-1, 35E4- 132-1, 35E4-94-1; War Mobilization Plan (WMP)-1, Annex S; AFPAM 10-219, Vol 1- 10												
8.1. Prime BEEF (PB) Orientation TR: AFDD 42; AFIs 10-403; 51-401; AFPD 51-4; AFCESA/CE8 - Prime BEEF Equipment Supply List (ESL); Geneva Convention Articles												
8.1.1. Prime BEEF (PB) Program	♦									A		
8.1.2. Prime BEEF organization	♦									A		
8.1.3. Code of Conduct	♦									A		
8.1.4. Law of Armed Conflict	♦									A		
8.1.5. Prime BEEF equipment requirements	♦									A		
8.1.5.1. Consolidated tool kits (CTK)	♦									A		
8.1.5.2. Equipment Issue	♦									A		
8.1.5.3. Equipment Storage	♦									A		

1. Task Knowledge And Technical References	2. Core Tasks	3.	Certification for OJT				Information Provided						
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C		
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) SC/QTP	(1) CDC	(2) Course	
8.1.5.4. Mobility bags	♦									A			
8.1.6.5. Weapons TR: AFIs 10-210, 31-101, 31-207; 36-2226, 91-202; AFPAM 10-219, Vol 8	♦									A			
8.1.6.5.1. Issue	♦									A			
8.1.6.5.2. Control	♦									A			
8.1.6.5.3. Courier	♦									A			
8.1.6.6. Team kits	♦									A			
8.1.6.7. Body armor	♦									A			
8.1.6.8. Tactical communication system	♦									A			
8.1.7. Individual responsibilities	♦									A			
8.1.8. Accountability	♦									A			
8.1.9. Marshal Equipment and Personal	♦									A			
8.2. First Aid Techniques TR: AFIs 36-2238, 32-4001, 48-110; AFH 36-2218,Vol 2													
8.2.1. Individual's responsibilities for administering first aid	♦									A			
8.2.2. Self aid and buddy care concept	♦									A			
8.2.3. Know the basic lifesaving steps	♦									A			
8.2.4. Move and transport injured personnel	♦									A			
8.3. Field Sanitation & Hygiene Measures TR: AFIs 48-110, 10-210; AFDD 35; ARMY FM 21-10													
8.3.1. Personal hygiene measures	♦									A			
8.3.2. Countermeasures for:	♦									A			
8.3.2.1. Disease and pestilence	♦									A			
8.3.2.2. Communicable diseases	♦									A			
8.3.3. Sanitation requirements for:	♦									A			

1. Task Knowledge And Technical References	2. Core Tasks	3. Certification for OJT				4. Proficiency Codes Used to Indicate Training / Information Provided						
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level	
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) SC/QTP	(1) CDC	(2) Course
8.3.3.1. Field	♦									A		
8.3.3.2. Kitchen & Mess	♦									A		
8.4. Self Protection from Extreme Weather TR: A77 AFPAM 10-219, Vol 5; Army FM 21-76												
8.4.1. Hot weather survival techniques	♦									A		
8.4.2. Cold weather survival methods	♦									A		
8.5. Force Protection TR: Joint Pub 1-02; AFH 32-4014, Vol 4; AFH 10-222, Vol 3; AFPAM 10-219 Vol 2; DoD 0-2000.12-H; Joint Services Guide 5260												
8.5.1. Personal / Work Party Security TR: AFIs 36-2226, 36-2209, A88 31- 301, 10-403, 10-404, 31-207, 10-215; AFPAM 10-219, Vol 3; Army FMs 21- 75; 7-8	♦									A		
8.5.1.1. Combat skills	♦									A		
8.5.1.2. Defensive tactics	♦									A		
8.5.1.2.1. Cover and concealment	♦									A		
8.5.1.2.2. Individual movement	♦									A		
8.5.1.2.3. Weapons fire control	♦									A		
8.5.1.2.4. Communications	♦									A		
8.5.1.2.5. Field fortifications	♦									A		
8.5.1.2.6. Guard placement / perimeter defense	♦									A		
8.5.1.2.7. Recognition code system	♦									A		
8.5.2. Air Base Defense (ABD) Interface TR: AFIs 31-301, 31-702	♦									A		
8.5.2.1. Ground threats	♦									A		
8.5.2.2. ABD concept	♦									A		
8.5.2.3. Defensive tactics	♦									A		

1. Task Knowledge And Technical References	2. Core Tasks	3. Certification for OJT					4. Proficiency Codes Used to Indicate Training / Information Provided					
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level	
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) SC/QTP	(1) CDC	(2) Course
8.5.2.4. Force movement	♦									A		
8.5.2.5. Weapons and fire control	♦									A		
8.5.2.6. Tactical barriers	♦									A		
8.5.2.7. Fighting/Protective Positions	♦									A		
8.5.3. Convoy Techniques TR: AFIs 36-2209, 31-301, 10-211, 36-2225, 31-101; AFPAM 10-219, Vol 3; Army FMs 7-8, 7-10, 55-30	♦									A		
8.5.3.1. Convoy principles	♦									A		
8.5.3.1.1. Organization	♦									A		
8.5.3.1.2. Command and control	♦									A		
8.5.3.1.3. Vehicle preparation	♦									A		
8.5.3.1.4. Security Forces interface	♦									A		
8.5.3.1.5. Counter ambush techniques	♦									A		
8.5.3.1.6. Defensive ambush measures	♦									A		
8.5.4. Passive Defense Techniques TR: AFPAM 10-219, Vol 2 & 5; AFIs 10-210, 10-11, 10-212, 32-4001, 31- 101, 31-210, 10-401 Vol 1 & 2, 31- 301; TM 5-1080-200-13/P; AFH 31- 302; AFMAN 32-4005; AFPDs 31-1, 71-1; AFMD 39; AFDD 2-4.2	♦									A		
8.5.4.1. Hardening/splinter protection	♦									A		
8.5.4.2. Aircraft revetment TR: AFPAM 10-219, Vol 2; AFMAN 10-401 Vol 1 & 2, 32-1071 Vols 1-3; AFDD 2-4.2; AFM 32-4005; AFIs 31- 101, 31-210, 31-301	♦									A		
8.5.4.2.1. Assemble kit-type revetments	♦									A		
8.5.4.2.2. Improvised revetments	♦									A		
8.5.4.3. Resource dispersal	♦									A		
8.5.4.4. Camouflage, Concealment, and Deception (CCD) Techniques TR: AFPAM 10-219, Vol 2 & 3;	♦									A		

1. Task Knowledge And Technical References	2. Core Tasks	3.	Certification for OJT				4. Proficiency Codes Used to Indicate Training / Information Provided						
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level		
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) SC/QTP	(1) CDC	(2) Course	
8.5.4.5. Terrorism TR: AFI 31-210, AFPAM 10-219, Vol 2; Joint Pub 1-02	◆									A			
8.5.4.5.1. Awareness	◆									A			
8.5.4.5.2. Countermeasures	◆									A			
8.5.4.6. Chemical warfare protection TR: AFMAN 32-4005; AFIs 10-210, 13-218, 21-101, 32-4001; AFPAM 10-219, Vol 3 & 4; AFH 32-4014, Vol 2; AFMAN 32-4005; AFVA 32-4012	◆									A			
8.5.4.6.1. Individual protective equipment	◆									A			
8.5.4.6.2. Wartime threat / protective actions / procedures	◆									A			
8.5.4.6.3. Decontaminating vehicle / equipment	◆									A			
8.5.4.6.4. Decontaminate shelter entry point	◆									A			
8.5.4.6.5. USAF standard alarm signals TR: AFPAM 10-219, Vol 2; AFVA 32-4011	◆									A			
8.5.4.6.6. Protective shelters	◆									A			
8.6. Base Denial TR: AFIs 10-210, 10-211; AFPAM 10-219, Vol 3; Army FM 5-250; TO 11A-1-66; WMP-1, Annex S													
8.6.1. Base denial concept	◆									A			
8.6.2. Denial methods	◆									A			
8.7. Multi-Contingency/Warskills Training Requirements TR: AFI 10-210; WMP-1, Annex S													
8.7.1. Multi-warskilling concept	◆									A			
8.7.2. Vehicle Qualifications TR: AFI 10-210; AFPAM 10-219, Vol. 3, 4, 8; AFD 25-1; AFMAN 24-309; AFI 23-101; 25-101; AS 12; T.O.s 36A2 series, 36M2 series, 36A12 series; War & Mobilization Plan (WMP), Vol. I, Annex S; HST/RTP	◆									A			
8.7.2.1. Contingency vehicles and equipment responsibilities	◆									A			
8.7.2.2. Obtain government driver's license	◆									A			

1. Task Knowledge And Technical References	2. Core Tasks	3. Certification for OJT				4. Proficiency Codes Used to Indicate Training / Information Provided						
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level	
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) SC/QTP	(1) CDC	(2) Course
8.7.2.3. Qualify on contingency vehicles	♦									A		
8.7.2.4. General purpose vehicles (up to 14,000 GVW)	♦									A		
8.9. Explosive Ordnance Reconnaissance (EOR) TR: AFI 10-210; AFPAM 10-219, Vol 3 & 4; Army FMs 21-16, 21-75												
8.9.1. Potential ordnance	♦									A		
8.9.2. Marking procedures	♦									A		
8.9.3. Reporting procedures	♦									A		
8.9.4. Mass ordnance clearance	♦									A		
8.10. Beddown shelters TR: T.O.s 35E-5-6-1, 35E4-132-1, 35E4-94-1; TM 10-4500-200-13; AFI 10-219, Vol 2, 3 & 5												
8.10.1. Bare base concept	♦									A		
8.10.2. Beddown package assets	♦									A		
8.10.2.1. Harvest Eagle	♦									A		
8.10.2.2. Harvest Falcon	♦									A		
8.10.2.3. TEMPER Tent TR: AFPAM 10-219, Vol 2, 5; AFH 10-222, Vol 1; T.O. 35E5-1-6	♦									A		
8.10.2.4. Small Shelter System (SSS) TR: T.O. 35E5-6-11	♦									A		
8.11. Rapid Runway Repair (RRR) TR: AFIs 10-210, 10-211, 10-212; T.O.s 35E2-3-1, 35E2-2-7, 35E2-5-1; AFPAM 10-219, Vol 4												
8.11.1. Base Recovery Concepts	♦									A		
8.11.2. Damage assessment	♦									A		
8.11.3. Damage reporting	♦									A		
8.11.4. Rapid Runway Repair (RRR) concept	♦									A		
8.11.4.1. RRR Philosophy	♦									A		
8.11.4.2. AM-2 Matting	♦									A		

1. Task Knowledge And Technical References	2. Core Tasks	3. Certification for OJT					4. Proficiency Codes Used to Indicate Training / Information Provided					
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level	
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) SC/QTP	(1) CDC	(2) Course
8.11.4.3. Fiberglass Mat	♦									A		
8.11.5. Spall Repair	♦									A		
9. Driver / Operator - Pumper TR: NFPA Standard 1002, 1998 Edition and applicable Commercial Publications												
9.1. Basic Driver / Operator												
9.1.1. Preventive Maintenance	*								N3			
9.1.2. Driving / Operating	*								N3			
9.2. Apparatus Equipped with a Fire Pump												
9.2.1. General Requirements	*								N3			
9.2.2. Water Supply	*								N3			
9.2.3. Sprinklers and Standpipes	*								N3			
9.2.4. Hydraulic Calculations	*								N3			
9.2.5. Apparatus Systems	*								N3			
9.2.6. Operations	*								N3			
10. Driver/Operator - ARFF TR: NFPA Standard 1002, 1998 Edition and applicable Commercial Publications												
10.1. Preventive Maintenance	*								N3			
10.2. Driving/Operating	*								N3			
10.3. ARFF General	*								N3			
10.4. ARFF Water Supply	*								N3			
10.5. Hydraulic Principles	*								N3			
10.6. ARFF Apparatus Systems	*								N3			
10.7. ARFF Operations	*								N3			

1. Task Knowledge And Technical References	2. Core Tasks	3. Certification for OJT				4. Proficiency Codes Used to Indicate Training / Information Provided						
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level	
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) SC/QTP	(1) CDC	(2) Course
11. Driver/Operator - Mobile Water Supply TR: NFPA Standard 1002, 1998 Edition & applicable Commercial Publications												
11.1. Basic Driver/Operator Requirements												
11.1.1. Preventive Maintenance	*								N3			
11.1.2. Driving/Operating	*								N3			
11.2. General Requirements												
11.2.1. Water Supply	*								N3			
11.2.2. Sprinklers and Standpipes	*								N3			
11.2.3. Hydraulic Calculations	*								N3			
11.2.4. Apparatus Systems	*								N3			
11.2.5. Operations	*								N3			
12. Fire Officer I TR: NFPA Standard 1021, 1997 Edition and applicable Commercial Publications												
12.1. General	**											N3
12.2. Human Resource Management	**											N3
12.3. Community Awareness / Public Relations	**											N3
12.4. Organizational Structure	**											N3
12.5. Budget	**											N3
12.6. Communication Skills	**											N3
12.7. Information Management	**											N3
12.8. Planning	**											N3
12.9. Inspection, Investigation, and Public Education	**											N3
12.10. Emergency Service Delivery	**											N3
12.11. Safety	**											N3

1. Task Knowledge And Technical References	2. Core Tasks	3. Certification for OJT				4. Proficiency Codes Used to Indicate Training / Information Provided						
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level	
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) SC/QTP	(1) CDC	(2) Course
13. Fire Instructor I TR: <u>NFPA Standard 1041, 1996</u> <u>Edition and applicable Commercial</u> <u>Publications</u>												
13.1. General	**											N3
13.2. Instructional Planning	**											N3
13.3. Instructional Development	**											N3
13.4. Instructional Methods / Techniques	**											N3
13.5. Instructional Materials / Aids	**											N3
13.6. Evaluation and Testing	**											N3
13.7. Training Records and Reports	**											N3
13.8. Concepts of Learning	**											N3
13.9. Communication	**											N3
13.10. Roles and Responsibilities	**											N3
14. Fire Inspector I TR: <u>NFPA 1031, 1998 Edition and</u> <u>applicable Commercial</u> <u>Publications</u>												
14.1. General	**									N3		N3
14.2. Administration	**									N3		N3
14.3. Field Inspection	**									N3		N3
15. Driver/Operator - Aerial TR: <u>NFPA Standard 1002, 1998</u> <u>Edition & applicable IFSTA</u> <u>Manuals</u>												
15.1. Basic Driver / Operator Requirements												
15.1.1. Preventive Maintenance										N3		
15.1.2. Driving/Operating										N3		
15.2. General Requirements												
15.2.1. Water Supply										N3		
15.2.2. Sprinklers and Standpipes										N3		

1. Task Knowledge And Technical References	2. Core Tasks	3. Certification for OJT					4. Proficiency Codes Used to Indicate Training / Information Provided					
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level	
		Tng Start	Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) SC/QTP	(1) CDC	(2) Course
15.2.3. Hydraulic Calculations										N3		
15.2.4. Apparatus Systems										N3		
15.2.5. Operations										N3		
16. HazMat Technician TR: NFPA Standard 472, 1997 Edition; NFPA Standard 1561, 1990 Edition, and the current edition of the Emergency Response Guidebook												
16.1. General										N3		
16.2. Analyzing the Incident										N3		
16.3. Planning Response										N3		
16.4. Implementing the Planned Response										N3		
16.5. Evaluating Progress										N3		
16.6. Training Records and Reports										N3		
17. HazMat Incident Commander TR: NFPA Standard 472, 1997Edition; NFPA Standard 1561, 1990 Edition, and the current edition of the Emergency Response Guidebook												
17.1. General										N3		
17.2. Analyzing the Incident										N3		
17.3. Planning Response										N3		
17.4. Implementing the Panned Response										N3		
17.5. Evaluating Progress										N3		
17.6. Training Records and Reports										N3		
18. Fire Instructor II TR: NFPA 1041, 1996 Edition and applicable IFSTA Manuals												
18.1. General										N3		
18.2. Instructional Planning										N3		

1. Task Knowledge And Technical References	2. Core Tasks	3. Certification for OJT				4. Proficiency Codes Used to Indicate Training / Information Provided						
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level	
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) SC/QTP	(1) CDC	(2) Course
18.3. Instructional Development										N3		
18.4. Instructional Methods / Techniques										N3		
18.5. Instructional Materials / Aids										N3		
18.6. Evaluation and Testing										N3		
18.7. Training Records and Reports										N3		
18.8. Concepts of Learning										N3		
18.9. References										N3		
19. Fire Instructor III TR: NFPA 1041, 2002 Edition and applicable IFSTA Manuals												
19.1. Identify the duties of a Fire Service Instructor III										N3		
19.2. Identify the policies and procedures for the management of instructional resources										N3		
19.3. Identify principles of Instructional System Development										N3		
19.4. Develop a system for the acquisition, storage and dissemination of evaluation results										N3		
19.5. Demonstrate administrative functions of a Training Officer										3c		
20. Fire Inspector II TR: NFPA 1031, 1998 Edition and applicable Commercial Publications												
20.1. General										N3		
20.2. Administration										N3		
20.3. Field Inspection										N3		
20.4. Plans Review										N3		
21. Fire Inspector III TR: NFPA 1031, 1998 Edition and applicable Commercial Publications												
21.1. Administration												
21.1.1. Generate written correspondence related to appeals and variances										N3		

1. Task Knowledge And Technical References	2. Core Tasks	3. Certification for OJT				4. Proficiency Codes Used to Indicate Training / Information Provided						
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level	
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) SC/QTP	(1) CDC	(2) Course
21.1.2. Facilitate code adoption and modification processes										N3		
21.1.3. Assess the impact of proposed codes, ordinances, and other legislation										N3		
21.1.4. Develop policies and procedures for the administration of inspection functions										N3		
21.1.5. Suggest technical reference material acquisition										N3		
21.1.6. Enforce permit regulations										N3		
21.1.7. Enforce plans review regulations										N3		
21.1.8. Initiate legal action related to fire code violations										N3		
21.1.9. Recommend a program budget										N3		
21.1.10. Evaluate the completion and correctness of inspection reports, completed forms, and checklists										N3		
21.1.11. Design a filing system										N3		
21.2. Field Administration												
21.2.1. Assess alternative methods to adjust occupant loads										N3		
21.2.2. Evaluate corrective measures										N3		
21.2.3. Evacuate the construction type required for an addition or remodeling project										N3		
21.2.4. Evaluate the alternative protection measures of equipment, operations, processes										N3		
21.2.5. Evaluate fire protection plans and practices										N3		
21.2.6. Recommend criteria for the development of emergency planning and procedures										N3		
21.2.7. Evaluate alternative compliance measures for storage, handling, use of flammable or combustible liquids and gases										N3		
21.2.8. Verify code compliance of heating, ventilation, air conditioning, and other building service equipment and operations										N3		

1. Task Knowledge And Technical References	2. Core Tasks	3. Certification for OJT				4. Proficiency Codes Used to Indicate Training / Information Provided						
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level	
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) SC/QTP	(1) CDC	(2) Course
21.2.9. Witness an acceptance test for an integrated fire protection system										N3		
21.2.10. Determine fire growth potential in a building or space										N3		
21.2.11. Develop emergency access criteria										N3		
22. Fire Officer II TR: NFPA 1021, 1997 Edition and applicable Commercial Publications												
22.1. Identify the organization of local government										N3		
22.2. Identify the law-making process at the local, state and federal level										N3		
22.3. Identify functions of other bureaus, divisions, agencies and organizations										N3		
22.4. Identify roles and responsibilities that relate to the fire service										N3		
22.5. Initiate actions to maximize member performance and/or correct unacceptable performance										N3		
22.6. Initiate actions to improve member and/or unit performance										N3		
22.7. Initiate action to refer issues to the next level of supervision										N3		
22.8. Evaluate job performance of assigned members										N3		
22.9. Report performance according to human resource policies and procedures										N3		
22.10. Deliver a public education program										N3		
22.11. Prepare a recommendation for a change to a policy or procedure										N3		
22.12. Prepare a budget										N3		
22.13. Prepare a news release										N3		
22.14. Prepare a report for transmittal to a supervisor										N3		
22.15. Describe procedures for conducting fire inspections for all type of occupancies										N3		
22.16. Determine the point of origin of a fire										N3		

1. Task Knowledge And Technical References	2. Core Tasks	3. Certification for OJT				4. Proficiency Codes Used to Indicate Training / Information Provided						
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level	
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) SC/QTP	(1) CDC	(2) Course
22.17. Produce operational plans for a hazardous materials incident										N3		
22.18. Produce operational plans for multi-unit operations										N3		
22.19. Analyze a member's accident, injury or health exposure history										N3		
22.20. Utilize an Incident Management System										N3		
22.21. Perform the roles and duties of a Safety Officer IAW NFPA Standard 1521										N3		
23. Fire Officer III TR: NFPA 1021, 1997 Edition and applicable Commercial Publications												
23.1. Identify current and national trends that support and relate to the fire service										N3		
23.2. Evaluate, and interpret data and communicate these results both verbally and written										N3		
23.3. Establish personnel assignment to meet all certification and manning levels										N3		
23.4. Develop valid procedures for the hiring of members, using local and legal requirements										N3		
23.5. Develop procedures valid procedures for the promoting member given applicable standards.										N3		
23.6. Describe methods to encourage members to participate in professional development										N3		
23.7. Develop programs that improve and expand service build partnership with local community										N3		
23.8. Prepare a community awareness program										N3		
23.9. Develop a budget, given a schedule and guidelines so capital, operating and personnel cost are addressed										N3		
23.10. Develop a budget management system given guidelines to stay within the budgetary authority										N3		
23.11. Describe the process for soliciting and awarding contracts										N3		

1. Task Knowledge And Technical References	2. Core Tasks	3.	Certification for OJT				4. Proficiency Codes Used to Indicate Training / Information Provided						
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level		
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) SC/QTP	(1)	(2) Course	
23.12. Develop, maintain, and evaluate a department record keeping system										N3			
23.13. Analyze and interpret data from a records system										N3			
23.14. Develop a model plan with given resources for a given area of responsibility										N3			
23.15. Manage a multi agency planning, deployment, and operations										N3			
23.16. Prepare and action plan for multiple agencies, using given resources										N3			
23.17. Develop, manage and evaluate a departmental safety program										N3			
23.18. Develop and evaluate a measurable safety program with given data										N3			
24. Fire Officer IV TR: <u>NFPA 1021, 1997 Edition and applicable Commercial Publications</u>													
24.1. Human Resource Management										N3			
24.1.2. Appraise a grievance program										N3			
24.1.3. Establish and evaluate a list of education and in-service training goals										N3			
24.1.4. Appraise a member assistance program										N3			
24.1.5. Evaluate an incentive program										N3			
24.1.6. Community and Government Relations										N3			
24.1.7. Attend, participate, and play a leadership role in given community events										N3			
24.2. Administration										N3			
24.2.1. Develop a comprehensive long range plan										N3			
24.2.2. Evaluate and project training requirements, facilities, and buildings										N3			
24.3. Emergency Services Delivery										N3			

1. Task Knowledge And Technical References	2. Core Tasks	3. Certification for OJT				4. Proficiency Codes Used to Indicate Training / Information Provided						
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		C 7 Skill Level	
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) P	(1) CDC	(2) Course
24.3.1. Develop comprehensive disaster plans that integrate other agencies resources										N3		
24.3.2. Develop a comprehensive plan for civil disturbances that integrates other agencies actions including safety										N3		
24.4. Safety										N3		
24.4.1. Maintain, develop, and provide leadership for a risk management program										N3		
25. Hazardous Materials Technician, Incident Commander and Weapons of Mass Destruction TR: <u>NFPA Standard 472, 2002 Edition; NFPA Standard 1561, and the current edition of the Emergency Response Guidebook</u>												
25.1. General										N3		
25.2. Analyzing the Incident										N3		
25.3. Planning Response										N3		
25.4. Implementing the Planned Response										N3		
25.5. Evaluating Progress										N3		
25.6. Training Records and Reports										N3		
25.7. Weapons of Mass Destruction (WMD)												
25.7.1. History of Terrorism and WMD										N3		
25.7.2. Current Threat										N3		
25.7.3. Operational Considerations										N3		
25.7.3.1. Size-up										N3		
25.7.3.2. Command Considerations										N3		
25.7.3.3. Incident Management System (IMS) Unified Command										N3		
25.7.3.4. Tactical Considerations										N3		
25.7.3.5. Mass Decontamination										N3		

1. Task Knowledge And Technical References	2. Core Tasks	3. Certification for OJT					4. Proficiency Codes Used to Indicate Training / Information Provided					
		A	B		D	E	A 3 Skill Level		B 5 Skill Level		7 Skill Level	
		Tng Start	Tng Comp	Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2) SC/QTP	CDC	(2) Course
25.7.3.6. Crime Scene and Evidence Preservation										N3		
25.7.4. Incident Specific Actions										N3		
25.7.4.1. Biological										N3		
25.7.4.2. Nuclear/Radiological										N3		
25.7.4.3. Incendiary										N3		
25.7.4.4. Chemicals										N3		
25.7.4.5. Explosives										N3		
25.7.5. Agency Related Actions										N3		
25.7.5.1. Fire Department										N3		
25.7.5.2. EMS										N3		
25.7.5.3. Law Enforcement										N3		
25.7.5.4. Hazardous Materials										N3		
25.7.5.5. Assisting Agencies										N3		
25.7.6. Incident Mitigation										N3		
26. Rescue Technician TR: NFPA Standard 1006, 2000 Edition												
26.1. Identify high/low angle Rescue Principles										N3		
26.2. Perform high/low angle Rescue Operations										N3		
26.2. Identify Confined Space Rescue Principles										N3		
26.3. Perform Confined Space Rescue Operations										N3		
26.4. Identify Vehicle/Machinery Extrication Principles										N3		
26.5. Perform Vehicle Extrication Operations										N3		
26.6. Identify Helicopter Operations/Principles										N3		
26.7. Perform Helicopter Ground Support Operations										N3		
26.8. Identify Incident Command System Principles										N3		

1. Task Knowledge And Technical References	2. Core Tasks	3. Certification for OJT					4. Proficiency Codes Used to Indicate Training / Information Provided					
		A	B		D		A 3 Skill Level		B 5 Skill Level		7 Skill Level	
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	CDC	(2) SC/QTP	(1) CDC	(2) Course
26.9. Apply Incident Command System Principles to Rescue Scenarios												
26.10. Perform Inspection and Maintenance on Self-Contained Breathing Apparatus and Rescue Equipment										N3		
26.11. Demonstrate the ability to function in Personal Protective Equipment in Confined Space Environments										N3		
27. Rescue Technician II TR: NFPA Standard 1006, 2000 Edition												
27.1. Structural Collapse - General												
27.1.1. Conduct a size-up on a collapsed structure										N3		
27.1.2. Determine potential victim locations										N3		
27.1.3. Develop a collapse rescue incident action plan										N3		
27.1.4. Implement a collapse rescue incident action plan										N3		
27.1.5. Search a collapsed structure										N3		
27.1.6. Stabilize a collapsed light-frame structure (as a member of a team)										N3		
27.1.7. Stabilize a collapsed heavy construction-type structure (as a member of a team)										N3		
27.1.8. Implement collapse support operations at a rescue incident										N3		
27.1.9. Release a victim from entrapment by components of a collapsed structure										N3		
27.1.10. Remove a victim from a collapse incident										N3		
27.1.11. Lift a heavy load (as a member of a team)										N3		
27.1.12. Move a heavy load (as a member of a team)										N3		
27.1.13. Breach structural components										N3		
27.1.14. Cut through structural steel										N3		
27.1.15. Construct cribbing systems										N3		

1. Task Knowledge And Technical References	2. Core Tasks	3. Certification for OJT				Information Provided						
		A	B	C	D	E	A 3 Skill Level		B 5 Skill Level		7 Skill Level	
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2)	(1) CDC	(2)	(1) CDC	(2) Course
27.1.16. Coordinate the use of heavy equipment										N3		
27.2. Trench Rescue - General												
27.2.1. Conduct a size-up of a collapsed trench										N3		
27.2.2. Implement a trench emergency action plan										N3		
27.2.3. Implement support operations at trench emergencies										N3		
27.2.4. Construct load stabilization systems										N3		
27.2.5. Lift a heavy load (as a member of a team)										N3		
27.2.6. Coordinate the use of heavy equipment										N3		
27.2.7. Support nonintersecting trench (as a member of a team)										N3		
27.2.8. Support an intersecting trench (as a member of a team)										N3		
27.2.9. Install supplemental sheeting and shoring for each 2ft of depth dug below an existing approved shoring system										N3		
27.2.10. Release a victim from entrapment by components of a collapsed trench										N3		
27.2.11. Remove a victim from a trench										N3		
27.2.12. Terminate a trench emergency incident										N3		

SECTION B - COURSE OBJECTIVE LIST (COL)

4. Measurement. Measurement of each objective is indicated as follows:

- **Written Test (W)** indicates task or subject knowledge that is measured using a written test.
- **Performance Test (P)** indicates required task performance that is measured with a performance progress check.
- **Progress Check (PC)** indicates separate measurement of both knowledge and performance elements using a written test and a performance progress check.

5. Standard. The standard is 76% on written examinations. Standards for performance measurement are indicated in the objectives and delineated on the individual progress checklist. Instructor assistance is provided as needed during the progress check or performance test, and students may be required to repeat all or parts of the behavior until satisfactory performance is attained.

6. Proficiency Level. Most task performance is taught to the “2b” proficiency level, which means the student can do most parts of the task, but does need assistance on the hardest parts of the task (partially proficient). The student can also determine step-by-step procedures for doing the task.

7. Course Objective List. These objectives are listed in the sequence taught by Blocks of Instruction.

7.1. Initial Skills Course. A detailed listing of the initial skills course objectives may be obtained by written request to the Joint Fire Protection Training School, 312 TRS/DOF, 301 Comanche Trail, Goodfellow AFB, TX 76908-4213.

SECTION C - SUPPORT MATERIAL

8. Purpose. This section of the CFETP lists the tests that have been included in the computer-based testing program known as CerTest. See the CerTest Procedural Guide for specific program requirements and features.

8.1. CerTest. CerTest is an interactive computer-based program designed to test, evaluate, and certify a student's knowledge of principles and procedures on various job-related subjects. CerTest uses a variety of training materials and a computer program that randomly selects test questions based on the instruction. CerTest *does not* replace hands-on training. It is designed to augment and enrich a variety of training requirements to ensure our people are trained and qualified to accomplish their duties.

8.2. General Information. The new Fire Fighter Certification System CDCs do not have volume review exercises. Conversely, CerTest gives us the ability to measure a student's knowledge, build a student's confidence, and effectively prepare a student to take the CDC course final exam by allowing the student to take a series of interactive computer-based tests. Students formally enrolled in CDCs should first take all available pretests. Pretests are designed to evaluate current knowledge for a particular training area. Each pretest will provide a "training road map" showing an individual's strengths and weaknesses. A pretest can only be taken once. Use the pretest results to develop an individual training plan. Once developed, a student can begin learning the material and prepare to take the posttests/final exams. See the CerTest Procedural Guide for additional guidance.

8.3. CerTest has been adopted as the Air Force platform for future electronic CDC testing. The Air Force Institute for Advanced Distributed Learning (AFIADL) began using CerTest on 1 June 2000. Currently, all CE AFSs are allowed to use CerTest on installations where Base Test Control Facilities (TCFs) are equipped. See your UETM for further information.

8.3 Air Force Qualification Training Packages. (See AFCESA Web Page <http://www.afcesa.af.mil/AFCESA/Training/Products.htm> for up-to-date QTP status).

<u>Fire Fighter I Series</u>		<u>Source</u>	<u>Video #</u>
302	Fire Behavior	IFSTA	35626
303	Fire Control I	IFSTA	35627
304	Fire Hose Basics	IFSTA	35629
305	Fire Streams	IFSTA	35630
308	Ladders I	IFSTA	35632
309	Ladders II	IFSTA	35633
<u>Fire Fighter II Series</u>		<u>Source</u>	<u>Video #</u>
319	Advanced Ventilation Techniques	IFSTA	35665
320	Fire Control 2	IFSTA	35652
321	Fire Hose Appliances	IFSTA	35654
322	Foam Fire Streams	IFSTA	35653

Fire Fighter II Continued

	<u>Source</u>	<u>CDC Course #</u>
323 Overhaul Procedures	IFSTA	35657
324 Power Tool Operation and Safety	IFSTA	35656
325 Rescue	IFSTA	35655
326 Fire Alarm and Communications	IFSTA	35662
327 Building Construction	IFSTA	35659
328 Fire Cause Determination	IFSTA	35664
329 Fire Company Inspections	IFSTA	35661
330 Fire Prevention and Public Fire Education	IFSTA	35663
331 Sprinkler Systems	IFSTA	35660
332 Water Supplies	IFSTA	35658
351 Spirolite Breathing Apparatus	AFCEA	612530

Driver/Operator Series

	<u>Source</u>	<u>Video #</u>
333 Aerial Apparatus Maintenance	IFSTA	35452
334 Driving Techniques (Aerial Apparatus)	IFSTA	Title Only
335 Operating Telescoping & Articulating Equipment	IFSTA	Title Only
336 Positioning Aerial Apparatus	IFSTA	Title Only
337 Stabilizing Aerial Apparatus	IFSTA	35450
338 Maintenance & Inspection (Pumping Apparatus)	IFSTA	Title Only
339 Operating Fire Pumps	IFSTA	35410
340 Operating Emergency Vehicles	IFSTA	35408
341 Positioning Apparatus (Pumping Apparatus)	IFSTA	Title Only

Infectious Disease Control

	<u>Source</u>	<u>Video/Wkbb #</u>
345 Why is Infection Control Necessary?	Silent War	Tape 1/Wkbb
346 Understanding Infection Control	Silent War	Tape 2/Wkbb
347 How to Stay Healthy and Survive	Silent War	Tape 3/Wkbb
348 Pre-arrival and On-Scene Control	Silent War	Tape 4/Wkbb
349 Post-Emergency Infection Control	Silent War	Tape 5/Wkbb
350 Exposure, Follow-Up & Confidentiality	Silent War	Tape 6/Wkbb

Hazardous Materials (HAZMAT) Series

	<u>Source</u>	<u>CDC Course #</u>
8501 HAZMAT Awareness (Test "A")	AFIADL	47201
8502 HAZMAT Awareness (Test "B")	AFIADL	47201
8503 HAZMAT Operations Part 1 (Test "A")	AFIADL	47202
8504 HAZMAT Operations Part 2 (Test "A")	AFIADL	47202
8505 HAZMAT Operations Part 1 (Test "B")	AFIADL	47202
8506 HAZMAT Operations Part 2 (Test "B")	AFIADL	47202
8507 HAZMAT Technician Part 1 (Test "A")	AFIADL	47203
8508 HAZMAT Technician Part 2 (Test "A")	AFIADL	47203
8509 HAZMAT Technician Part 1 (Test "B")	AFIADL	47203
8510 HAZMAT Technician Part 2 (Test "B")	AFIADL	47203
8511 HAZMAT Incident Commander (Test "A")	AFIADL	47205
8512 HAZMAT Incident Commander (Test "B")	AFIADL	47205

Certification Course Review Exercises

8518	Fire Fighter I
8519	Fire Fighter II - (Test A)
8520	Fire Fighter II - (Test B)
8525	Driver Operator - Pumper
8526	Driver Operator - Pumper
8527	Driver Operator - Pumper, (Test A)
8528	Driver Operator - Pumper, (Test B)
8529	Driver Operator - Aerial (Test A)
8530	Driver Operator - Aerial (Test B)
8531	Driver Operator - Aerial
8533	Driver Operator - Tiller (Test A)
8534	Driver Operator - Tiller (Test B)
8535	Driver Operator - Tiller
8537	Driver Operator - ARFF (Test A)
8538	Driver Operator - ARFF (Test B)
8539	Driver Operator - ARFF
8540	Driver Operator - Water Tender
8543	Airport Fire Fighter (Test A)
8544	Airport Fire Fighter (Test B)
8545	Fire Officer I
8546	Fire Officer II
8547	Fire Officer I (Test A)
8548	Fire Officer I (Test B)
8549	Fire Officer II (Test A)
8550	Fire Officer II (Test B)
8557	Fire Officer III (Test A)
8558	Fire Officer III (Test B)
8559	Fire Officer IV (Test A)
8560	Fire Officer IV (Test B)
8551	Fire Service Instructor I (Test A)
8552	Fire Service Instructor I (Test B)
8567	Fire Service Instructor I
8553	Fire Service Instructor II (Test A)
8554	Fire Service Instructor II (Test B)
8555	Fire Service Instructor III (Test A)
8556	Fire Service Instructor III (Test B)
8561	Fire Inspector I (Test A)
8562	Fire Inspector I (Test B)
8563	Fire Inspector II (Test A)
8564	Fire Inspector II (Test B)
8565	Fire Inspector III (Test A)
8566	Fire Inspector III (Test B)

Source

[illegible]

CDC Course #s

3E731 & G
3E751A & G
3E751A & G
10023S & M
10023 & G
3E751B & H
3E751B & H
3E751C & I
3E751C & I
10024 & G
3E751F & L
3E751F & L
10025 & G
3E751D & J
3E751D & J
10027 & G
10028 & G
3E751E & K
3E751E & K
10211 & G
10212 & G
57170A & G
57170A & G
57170E & K
57170E & K
10213 & G
10213 & G
10214 & G
10214 & G
57170B & H
57170B & H
10411 & G
10412 & G
10412 & G
10413 & G
10413 & G
10311 & G
10311 & G
10312 & G
10312 & G
10313 & G
10313 & G

Confined Space Rescue Multimedia Course

8600	Confined Space Rescue
------	-----------------------

Source

AFCESA

CDC Course #

N/A

SECTION D - EDUCATION AND TRAINING COURSE INDEX

9. Purpose. This section of the CFETP identifies training courses available for the fire protection specialty. Refer to Education and Training Course Announcements (ETCA) web site for information on the Air Force in-residence courses. The web site address is <http://hq2af.keesler.af.mil/etca.htm>.

10. Air Force In-Residence Courses/Mobile Training Team (MTT) Courses.

Course Number	Title	Location	User
X3ABR3E731 006	Fire Protection Apprentice Course	Goodfellow	DoD
X3AZR3E751 015	Structural Fire Fighting Course	Goodfellow	DoD
X3AZR3E751 016	Crash Fire Fighting Course	Goodfellow	DoD
X3AZR3E751 018	Rescue Technician Course	Goodfellow	DoD
X3AZR3E751-019	Rescue Technician II Course	Goodfellow	DoD
X6ANU3E751 000	A/S32P-23 Fire Truck Operations Course	Homestation	AF
X3AZR3E771 018	Hazardous Materials Train-the-Trainer Course	Goodfellow	DoD
X3AZR3E771 020	Fire Inspector I Course	Goodfellow	DoD
X3AZR3E771 021	Fire Inspector II Course	Goodfellow	DoD
X3AZR3E771-022	Fire Inspector III Course	Goodfellow	DoD
X4AZT3E771-000	Fire Inspector I Course (Mobile Training Team)	MTT	DoD
X4AZT3E771-001	Fire Inspector II Course (Mobile Training Team)	MTT	DoD
X3AZR3E771 019	Fire Officer II Course	Goodfellow	DoD
X3AZR3E771-023	Fire Officer III Course	Goodfellow	DoD
X3AZR3E771-024	Fire Officer IV Course	Goodfellow	DoD
X3AZR3E771-025	HazMat / WMD Course	Goodfellow	DoD
X3AZR3E771-026	Fire Instructor III Course	Goodfellow	DoD
MLMDC 813	On-Scene Commanders Course	Maxwell	AF
MGT 427	Fire Protection Management Applications Course	Wright-Patt	AF

11. Extension Course Institute (ECI) Courses.

Course Number	Title	Source	Date
3E731	Fire Fighter I	AFIADL	10/94
3E751A	Fire Fighter II	AFIADL	10/94
3E751E	Airport Fire Fighter	AFIADL	12/95
10023	Apparatus Driver/Operator - Pumper	AFIADL	01/00
10024	Apparatus Driver/Operator - Aerial	AFIADL	01/00
10025	Apparatus Driver/Operator - Tiller	AFIADL	01/00
10027	Apparatus Driver/Operator - ARFF	AFIADL	01/00
10028	Apparatus Driver/Operator Water Tender	AFIADL	01/00
47201	Hazardous Materials - Awareness Level	AFIADL	01/00
47202	Hazardous Materials - Operations Level	AFIADL	02/00
47203	Hazardous Materials - Technician Level	AFIADL	02/00
47205	Hazardous Materials - Incident Commander	AFIADL	02/00
57170A	Fire Officer I	AFIADL	11/93
57170E	Fire Officer II	AFIADL	11/93
10213	Fire Officer III	AFIADL	
10214	Fire Officer IV	AFIADL	06/97
10411	Fire Service Instructor I	AFIADL	02/01
10412	Fire Service Instructor II	AFIADL	03/01
10413	Fire Service Instructor III	AFIADL	03/01
10311	Fire Inspector I	AFIADL	05/97
10312	Fire Inspector II	AFIADL	10/96
10313	Fire Inspector III	AFIADL	10/96

12. Exportable Courses.

Course Number	Title	Media
B-1	B-1 Aircraft	CD-ROM
611305	B-52G/H Aircraft	CD-ROM
608664	C-5 Aircraft	CD-ROM
608662	C-9 Aircraft	CD-ROM
612527	C-17 Aircraft	CD-ROM
608661	C-130 Aircraft	CD-ROM
608663	C-141 Aircraft	CD-ROM
611304	KC/RC-135 Aircraft	CD-ROM
609984	KC-10/DC-10/MD-11 Aircraft	CD-ROM
TBD	A-10 Aircraft	CD-ROM
F-15	F-15 Aircraft	CD-ROM
F-16	F-16 Aircraft	CD-ROM
612525	F-18 Aircraft	CD-ROM
TBD	T-38 Aircraft	CD-ROM
TBD	F-117 Aircraft	CD-ROM
612528	747 Aircraft	CD-ROM
TBD	767 Aircraft	CD-ROM
TBD	737 Aircraft	CD-ROM
777006871	Hazardous Materials Awareness	CD-ROM
777006891	Hazardous Materials Operations	CD-ROM
777006831	Hazardous Materials Technician	CD-ROM
612530	SCBA	Video
612530	SCBA Cleaning and Maintenance	Video
612529	Physical Fitness	Video
612888	Fire Fighter Certification System	Video
3E0X2-30c	Mobile Aircraft Arresting System (MAAS)	CD-ROM
TBD	Confined Space Rescue	CD-ROM
777007011	Emergency Response to Terrorism - Self Study	CD-ROM
777007031	Emergency Response to Terrorism - Basic Concepts	CD-ROM
777007036	Emergency Response to Terrorism - Emergency Responders	CD-ROM
10023M&S	Driver Operator - Pumper	CD-ROM

Note: With the exception of the Mobile Aircraft Arresting System multimedia program, each fire department was automatically sent copies of the Fire Fighter Multimedia Training Programs. If you have not received your copies, write to:

AAC/WMO (Attn: Multimedia Program Manager)
 314 W. Choctawhatchee Avenue, Suite 104
 Eglin AFB FL 32542-5717

DSN: 872-4695
 Comm: (850) 882-4695

13. Courses or CerTest Computer-Based Tests Under Development/Revision.

13.1. The following fire fighter certification system CDC courses need to be developed or are various stages of development.

Course Number	Title	Developer	Date Due
10011	Fire Fighter I	CDC Writer	TBD
10012	Fire Fighter II	CDC Writer	TBD
10031	Airport Fire Fighter	CDC Writer	TBD
10211	Fire Officer I	CDC Writer	TBD
10212	Fire Officer II	CDC Writer	TBD
10213	Fire Officer III	CDC Writer	TBD
10214	Fire Officer IV	CDC Writer	TBD
10311	Fire Inspector I	CDC Writer	TBD
10312	Fire Inspector II	CDC Writer	TBD
10313	Fire Inspector III	CDC Writer	TBD
10612	Public Safety Telecommunicator II	CDC Writer	TBD
10511	Wildland Fire Fighter I	CDC Writer	TBD
10512	Wildland Fire Fighter II	CDC Writer	TBD
10513	Wildland Fire Fighter III	TBD	TBD
10514	Wildland Fire Fighter IV	TBD	TBD

13.2. The following Fire Fighter Multimedia System courseware (Qualification Training Packages) is under development. These training packages will be available on videotape, or CD-ROM for use on the multimedia computer system HQ AFCESA purchased and provided to each active duty, Guard, and Reserve fire department.

Course Number	Title	Media	Status
47205M&S	HazMat Incident Commander	CD-ROM	Under Development
TBD	First Aid First Responder/CPR	CD-ROM	Under Development
10027M&S	Driver Operator - ARFF	CD-ROM	Under Development
10411M&S	Fire Instructor I	CD-ROM	Under Development
10311M&S	Fire Inspector I	CD-ROM	Under Development
10211M&S	Fire Officer I	CD-ROM	Under Development
TBD	EMT - Basic	CD-ROM	Under Development

13.3. The following CerTest Computer-Based Tests are or will be developed for future DoD Fire Fighter Certification courses.

<u>Certification Course Review Exercises Cont</u>		<u>Source</u>	<u>CDC Course #</u>	<u>Date Due</u>
8515	Public Telecommunicator II	AFIADL	10612	TBD
8573	Wildland Fire Fighter I	AFIADL	10511	TBD
8574	Wildland Fire Fighter II	AFIADL	10512	TBD
8575	Wildland Fire Fighter III	AFIADL	10513	TBD
8576	Wildland Fire Fighter IV	AFIADL	10514	TBD

SECTION E - MAJCOM-UNIQUE REQUIREMENTS

“There are currently no MAJCOM-unique requirements. This area reserved.”

SECTION F - HOME STATION TRAINING

14. Purpose. The purpose of this section is to identify the tasks, training references, and training sources available in support of contingency/wartime training. Training ranges from knowledge-type training conducted in a classroom to task-oriented (hands-on) training conducted in the field. The tasks are general in nature and pertain to all civil engineer career fields. All civil engineer personnel are expected to receive this training even though the tasks may not be directly related to their AFS but support other CE AFSs. Training requirements for multi skill training is outlined in AFI 10-210.

14.1. Home Station Training (HST) Definition. HST is defined as training that is conducted at the individual's home station.

- Category I (CAT-I) training consists of knowledge-level training such as Prime BEEF orientation, field sanitation, and health/hygiene. CAT-I training is normally accomplished through briefings and the use of videos and other training aids. In July 2000, an ICW CD-ROM was released that will greatly improve the delivery of this training. It is a Readiness Training Package (RTP) entitled "General Contingency Responsibilities" (GCR). Successful completion of the GCR CD-ROM will satisfy SORTS requirements as outlined in AFI 10-210, Chapter 3. It can be used for training and evaluation and is based on successful completion of one or more lessons completed in any order. The following rules apply:
 1. When used by individuals, he/she reports to the Unit Learning Resource Center (LRC), and completes one, some, or all lessons. At the end of each lesson, the trainee will successfully complete the lesson review exercise (LRE) and receive a certificate of training. The trainee must present the certificate or certificates to the Readiness Training Monitor to receive credit for the training.
 2. It can also be used in a classroom (group lecture) environment. When used in a group, the lessons will be completed the same as current stand up lectures. Individuals in the group will complete the LRE as a group and upon successful completion, continue until all lessons are complete. Certificates will not be printed when completed in a group setting. Use sign-in rosters to document attendance/completion.
 3. Individuals may bypass all CAT I training, without completing stand-up lecturing or GCR CD-ROM, by taking a CerTest that covers the entire GCR CD-ROM. This test can be taken to exempt all CAT I training for one year. The Unit should develop procedures to use this product to suit their needs. Remember this RTP is a tool to assist you in achieving CAT I training. Document this training as outlined in AFI 10-210, Chapter 3. This CD does not fulfill CAT II or CAT III training.
- Category II (CAT-II) training is primarily task-oriented such as weapons training, hard-back tent construction, and convoy security. This training is normally conducted in the field during bivouacs.

14.2. Training References.

14.2.1. AFI 10-210, Prime Base Engineer Emergency Force (BEEF) Program. Chapter three of AFI 10-210 identifies the Prime BEEF annual HST requirements. You can review this document by going to the Air Force publications web site. Figure 14.1 is a list of HST CAT-I and CAT-II training.

14.2.2. Prime BEEF Contingency and Wartime Task - AFPAM 10-219, Vol 10. The Contingency Training Guide and Task Standards (AFPAM 10-219, Vol 10) lists basic wartime skills, knowledge, and the major common contingency/wartime tasks that Prime BEEF teams will be required to perform. The Contingency Training Guide and Task Standards identifies the AFSs associated with each task, required resources to accomplish the task, and the maximum time (under optimum conditions) expected to complete the task. The document also identifies the lead AFS on each task. This document is located on the Air Force publications web site. All tasks, skills, and knowledge required in the Contingency Training Guide and Task Standards are included in the STS portion of this CFETP.

14.2.3. AFPAM 10-219, Contingency and Disaster Planning. These documents assist in home station training and contingency responses. They replace the AFP 93-12 series of planning documents. There will be ten volumes to the AFPAM when completed and will be available on the Air Force Electronic Publications Library (AFEPL). The following is a list of the volumes making up AFPAM 10-219:

Volume	Title
1	Contingency and Disaster Planning
2	Preattack and Predisaster Preparations
3	Postattack and Postdisaster Procedures
4	Rapid Runway Repairs
5	Bare Base Conceptual Planning Guide
6	Planning and Design of Contingency Air Bases
7	Expedient Construction Methods
8	Prime BEEF Manager's Guide
9	Establishing and Maintaining Contingency Air Bases
10	Contingency Training Guide and Task Standard Standard

14.2.4. Air Force Education and Training Course Announcements (ETCA). Superseded AFCAT 36-2223. It is located at the following URL: <http://hq2af.keesler.af.mil/etca.htm> Lists additional training/educational opportunities available for civil engineer personnel. This catalog contains information on formal education and training courses. The catalog is updated quarterly.

14.2.5. CerTest. Under CerTest there is an interactive computer-based testing program designed to evaluate a student's knowledge of contingency topics, and is used to determine student's comprehension following HST CAT-I classes. CerTest can be used by students who "challenge" the requirement to attend CAT-I classes due to their prior experience, existing knowledge on the subjects, or previous attendance to training classes. Members successfully passing a CerTest for general contingency responsibilities will be given credit for meeting the required training. CerTest is distributed on CD-ROM and is maintained by the UETM. *CerTest (General Contingency Responsibilities) is not intended to replace initial HST requirements for new members, nor is it intended to replace CAT-II training.*

14.2.6. Readiness Training Package (RTP). RTPs are lesson plans for HST lessons. The RTPs are intended for those people who teach any area of HST. The index for the RTPs are located on the Air Force Civil Engineer Support Agency (AFCESA) home page. The Internet address for this information is <http://www.afcesa.af.mil>.

14.2.7. Other Documents. AFH 10-222, Bare Base Development, Bare Base Facility Erection, Force Protection, Mechanical Systems, Bare Base Assets, Bare Base Generators, and other volumes in the AFH 10-222 series are used for readiness training. The AFH series are pocket guides providing information on bare base development for all AFSs. AFH 10-222, Vol. 4, Air Force Environmental Handbook for Contingency Operations was developed to assist the environmental career field (3E4X3) on environmental quality issues during contingency and training operations. The handbook can be used by any AFS who works closely with environmental issues. Visit the Air Force publications web site to down load this information.

14.3. Ancillary Training.

14.3.1. Team Exercise Sites (CAT III). All civil engineer personnel who fill critical Unit Type Code (UTC) positions will receive team qualification at Silver Flag Exercise Sites (SFES) with the exception of members on headquarters staff augmentation UTCs, pavement evaluation UTCs, and generator repair and maintenance UTCs. There are currently three active SFES in the world today. They are located at Tyndall AFB, Florida; Ramstein AB, Germany; and Kadena AB, Japan. Personnel in critical UTC positions will be qualified at least every two years on the elements listed in table 3.3 of AFI 10-210. Air Reserve Components (ARC) will be qualified at least every three years.

14.3.2. AEF/Spin-up Training. The AFCESA home page has the worldwide locator for the different types of training, locations, and points of contact (POC) for equipment items that may be encountered during contingency operations.

HOME STATION TRAINING
Category I - Classroom Training

Item	Task
1.	Prime Beef Orientation
1.1	Prime BEEF Program and Mission
1.2	Team Organization
1.3	Team/Personal Equipment
1.4	Training Requirements
1.5	Code of Conduct
1.6	Protection from Terrorism
1.7	C4 Security Awareness
1.8	Base Emergency Preparedness Orientation
1.9	Unit Disaster Preparedness Program
1.10	Base Plans Familiarization
1.11	Law of Armed Conflict
1.12	Explosive Ordnance Reconnaissance
2.	
2.1	Personal Hygiene
2.2	Control of Communicable Diseases
2.3	Kitchen and Mess Sanitation
2.4	Field Hygiene
2.5	Water Purification
2.6	Problems of Extreme Climates
2.7	Self Aid and Buddy Care
3.	Expedient Methods (Beddown)
3.1	Harvest Eagle and Harvest Falcon Overview
3.2	Temper Tent
3.3	Environmental Protection
3.4	Resource Disposal
	Expedient Methods (Construction)
4.1	Camouflage, Concealment, and Deception
5.	Expedient Methods (Repair)
5.1	Rapid Runway Repair Overview
5.2	Command and Control
5.3	Global Positioning System
6.	
6.1	Base Denial
7.	Force Protection
7.1	Personal and Work Party Security
7.2	Convoy
7.3	Air Base Defense
7.4	Defensive Fighting Positions

Figure 14.1

HOME STATION TRAINING
Category II - Hands-on Training

Item	Task
1.	Prime BEEF Orientation / General Contingency
1.1	NBC Defense
1.2	Explosive Ordnance Reconnaissance
2.	Field Sanitation / Health
2.1	Personal Hygiene
2.2	Kitchen and Mess Sanitation
2.3	Field Hygiene
2.4	Water Purification
2.5	Self Aid / Buddy Care
2.6	CPR
4.	Expedient Methods (Beddown)
4.1	Temper Tent
4.2	Preway Heater
5.	Expedient Methods (Construction)
5.1	Camouflage Netting
5.2	Global Positioning System
	Force Protection
6.1	Weapons / Small Arms Qualification
6.2	Personal and Work Party Security
6.3	Convoy
6.4	Defensive Fighting Positions
6.5	Air Base Defense
	Field Training
7.1	Field Training Exercise
	Note: For a further explanation of Category I or II Home Station Training requirements, see AFI 10-210